

**REGULAR MEETING
OF
CACHUMA OPERATION AND MAINTENANCE BOARD**

by Teleconference Call ONLY

**Teleconference Call-in Number: 1 (888) 899-7789
Passcode: 804443#**

Monday, February 22, 2021

1:00 PM

AGENDA

NOTICE: This meeting shall be conducted by teleconference call only as authorized and in accordance with Government Code section 54953 and the California Governor's Executive Order N-29-20 and N-33-20.

- 1. CALL TO ORDER, ROLL CALL**
- 2. PUBLIC COMMENT** *(Public may address the Board on any subject matter not on the agenda and within the Board's jurisdiction. See "Notice to the Public" below.)*
- 3. CONSENT AGENDA** *(All items on the Consent Agenda are considered routine and will be approved or rejected in a single motion. Any item placed on the Consent Agenda may be removed and placed on the Regular Agenda for discussion and possible action upon the request of any Board Member.)*
Action: Recommend Approval of Consent Agenda by motion and roll call vote of the Board:
 - a. Minutes of January 25, 2021 Regular Board Meeting
 - b. Investment of Funds
 - Financial Reports
 - Investment Reports
 - c. Review of Paid Claims
- 4. GENERAL MANAGER REPORT**
Receive information from the General Manager on topics pertaining to COMB, including but not limited to the following:
 - Administration
- 5. ENGINEER'S REPORT**
Receive information from the COMB Engineer, including but not limited to the following:
 - Climate Conditions
 - Lake Cachuma Water Quality Update
 - Watershed Sanitary Survey Update
 - Goleta West Conduit Inspection and Repair
 - Sheffield Control Station Culvert Repair
 - Post-Storm Inspections
 - Infrastructure Improvement Projects

6. OPERATIONS DIVISION REPORT

Received information regarding the Operations Division, including but not limited to the following:

- Lake Cachuma Operations
- Operation and Maintenance Activities

7. FISHERIES DIVISION REPORT

Receive information regarding Fisheries Division, including but not limited to the following:

- LSYR Steelhead Monitoring Elements
- Tributary Project Updates
- Surcharge Water Accounting
- Reporting/Outreach/Training

8. PROGRESS REPORT ON LAKE CACHUMA OAK TREE PROGRAM

Receive information regarding the Lake Cachuma Oak Tree Program including but not limited to the following:

- Maintenance and Monitoring

9. MONTHLY CACHUMA PROJECT REPORTS

Receive information regarding the Cachuma Project, including but not limited to the following:

- a. Cachuma Water Reports
- b. Cachuma Reservoir Current Conditions
- c. Lake Cachuma Quagga Survey

10. DIRECTORS' REQUESTS FOR AGENDA ITEMS FOR FUTURE MEETING

11. [CLOSED SESSION]: CONFERENCE WITH LEGAL COUNSEL: POTENTIAL LITIGATION

- a. [Government Code Section 54956.9(d)(1)]
Name of matter: *Kimball-Griffith L.P. v. Brenda Wren Burman, et al.*, Case No. 2:20-cv-10647
– Request for Declaratory and Injunctive Relief

12. RECONVENE INTO OPEN SESSION

[Government Code Section 54957.7]
Disclosure of actions taken in closed session, as applicable
[Government Code Section 54957.1]

- 11a. *Kimball-Griffith L.P. v. Brenda Wren Burman, et al.*, Case No. 2:20-cv-10647 – Request for Declaratory and Injunctive Relief

13. MEETING SCHEDULE

- March 22, 2021 at 1:00 PM
- Board Packages available on COMB website www.cachuma-board.org

14. COMB ADJOURNMENT

NOTICE TO PUBLIC

Posting of Agenda: This agenda was posted at COMB's offices, located at 3301 Laurel Canyon Road, Santa Barbara, California, 93105 and on COMB's website, in accordance with Government Code Section 54954.2. The agenda contains a brief general description of each item to be considered by the Governing Board. The Board reserves the right to modify the order in which agenda items are heard. Copies of staff reports or other written documents relating to each item of business are on file at the COMB offices and are available for public inspection during normal business hours. A person with a question concerning any of the agenda items may call COMB's General Manager at (805) 687-4011.

Written materials: In accordance with Government Code Section 54957.5, written materials relating to an item on this agenda which are distributed to the Governing Board less than 72 hours (for a regular meeting) or 24 hours (for a special meeting) will be made available for public inspection at the COMB offices during normal business hours. The written materials may also be posted on COMB's website subject to staff's ability to post the documents before the scheduled meeting.

Public Comment: Any member of the public may address the Board on any subject within the jurisdiction of the Board that is not scheduled for as an agenda item before the Board. The total time for this item will be limited by the President of the Board. The Board is not responsible for the content or accuracy of statements made by members of the public. No action will be taken by the Board on any Public Comment item.

Americans with Disabilities Act: In compliance with the Americans with Disabilities Act, if you need special assistance to review agenda materials or participate in this meeting, please contact the Cachuma Operation and Maintenance Board office at (805) 687-4011 at least 48 hours prior to the meeting to enable the Board to make reasonable arrangements.

Note: If you challenge in court any of the Board's decisions related to the listed agenda items you may be limited to raising only those issues you or someone else raised at any public hearing described in this notice or in written correspondence to the Governing Board prior to the public hearing.

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**MINUTES OF REGULAR MEETING
OF
CACHUMA OPERATION AND MAINTENANCE BOARD**

by Teleconference Call ONLY

**Monday, January 25, 2021
1:00 PM**

1. CALL TO ORDER, ROLL CALL

The meeting was called to order by President Holcombe at 1:01 PM.

All attendees participated telephonically pursuant to California Governor Gavin Newsom's Executive Orders N-25-20 and N-29-20.

Directors Present:

Polly Holcombe, Carpinteria Valley Water District

Kristen Sneddon, City of Santa Barbara

Lauren Hanson, Goleta Water District

Cori Hayman, Montecito Water District

General Counsel Present:

William Carter, Musick, Peeler, Garrett, LLP

Staff Present:

Janet Gingras, General Manager

Edward Lyons, Administrative Manager/CFO

Joel Degner, Engineer/Operations Division Manager

Timothy Robinson, Fisheries Division Manager

Shane King, Operations Supervisor

Dorothy Turner, Administrative Assistant II

Others Present:

Cathy Taylor, City of Santa Barbara

Nick Turner, Montecito Water District

Kathleen Werner, Goleta Water District

Matt Young, County of Santa Barbara

2. INTRODUCTION OF NEW ALTERNATE BOARD MEMBER

Director Hanson introduced Kathleen Werner, Goleta Water District's new alternate director to the COMB Board. Ms. Gingras invited Director Werner to say a few words. Director Werner spoke briefly about her background and expressed her willingness to serve as the alternate for the Goleta Water District.

3. PUBLIC COMMENT

There was no public comment.

4. CONSENT AGENDA

- a. Minutes of December 14, 2020 Regular Board Meeting
- b. Investment of Funds
 - Financial Reports
 - Investment Reports
- c. Review of Paid Claims

Ms. Gingras presented the Consent Agenda items to the Board for approval. She reviewed revenues received and significant claims paid, including receipt of reimbursement from FEMA and National Fish and Wildlife Foundation and the return of the FY 2019-20 unexpended funds to the COMB Member Agencies.

Director Hanson motioned to approve the Consent Agenda as presented. The motion was seconded by Director Sneddon and carried with a unanimous vote of six in favor.

Ayes: Sneddon, Hayman, Hanson, Holcombe

Nays:

Absent:

Abstain:

5. VERBAL REPORTS FROM BOARD COMMITTEES

- *Administrative Committee Meeting – January 15, 2021* – Director Holcombe reviewed the agenda items from the committee meeting and advised that the action items had been reviewed carefully and moved forward to the Board.

6. CONTRACTS EXECUTED BY THE GENERAL MANAGER – 2ND QUARTER FISCAL YEAR 2020-21

Ms. Gingras presented the staff memo and matrix of the contracts executed by the general manager for the second quarter of the fiscal year 2020-21. She drew attention to the enhanced reporting and reviewed each of the contracts listed, providing the current status of each contract.

7. FINANCIAL REVIEW – 2ND QUARTER FISCAL YEAR 2020-21

Mr. Lyons presented the financial results for the second quarter of fiscal year 2020-21. Drawing the Board's attention to the PowerPoint presentation included in the packet, he reviewed revenues received. Mr. Lyons followed with detailed analysis of the divisional results as compared to the budget. Mr. Lyons reviewed Administration's upcoming deliverables, in particular changes required to be made to the Employee Handbook and Injury and Illness Prevention Policy. He fielded comments and questions from the Board.

8. RESOLUTION NO. 722 – ADOPTION OF ELECTRONIC SIGNATURE POLICY

Mr. Lyons presented the proposed electronic signature policy drafted in response to measures taken to accommodate remote work. He described security measures inherent in the software program implemented and advised that COMB's auditor and IT vendor had both reviewed the software and internal controls. Mr. Lyons fielded questions from the Board.

Director Hanson put forth a motion to adopt the electronic signature policy. Director Hayman seconded the motion which carried with a unanimous vote of six in favor.

Ayes: Sneddon, Hayman, Hanson, Holcombe

Nays:

Absent:

Abstain:

9. RESOLUTION NO. 723 – ISSUANCE OF LETTER TO THE U.S. BUREAU OF RECLAMATION AUTHORIZING COMMENCEMENT OF THE LONG TERM TRANSFER OF OPERATION AND MAINTENANCE OF THE CACHUMA PROJECT TRANSFERRED PROJECT WORKS CONTRACT (O & M CONTRACT)

Ms. Gingras presented the letter to be forwarded to the U.S. Bureau of Reclamation (Reclamation) requesting that the parties enter into a long-term O & M Contract renewal. She advised that COMB was requesting the Contract be executed in perpetuity, to be consistent with Reclamation’s contract with the County of Santa Barbara, or for a minimum period for forty years. Following discussion, Counsel suggested that the requested term of the contract be edited to state that the contract be renewed either in perpetuity or for forty years.

Director Hanson made a motion to approve the letter to Reclamation as modified by Counsel’s suggestion. Following a second from Director Sneddon, the motion carried unanimously with a vote of six in favor.

Ayes: Sneddon, Hayman, Hanson, Holcombe

Nays:

Absent:

Abstain:

10. GENERAL MANAGER REPORT

- Administration
- U.S. Bureau of Reclamation
- Division Accomplishments / Goals

Ms. Gingras presented the General Manager report, highlighting COVID19 staff vaccination registration and a successful annual IT review with particular attention to cybersecurity. Additionally, she noted that staff had taken increased security measures by additional site visits during the recent two weeks surrounding the Presidential Inauguration event. Finally, Ms. Gingras drew attention to the extensive list of staff accomplishments for 2020. She fielded comments and accolades regarding the 2020 accomplishments.

11. ENGINEER’S REPORT

- Climate Conditions
- Lake Elevation
- Thomas/Whittier Fire Vegetation Recovery
- Lake Cachuma Water Quality Update
- Infrastructure Improvement Projects

Mr. Degner presented the Engineer’s report, addressing climate conditions, lake elevation and post-fire revegetation progress. He expressed hope that the upcoming storms may be powerful enough to produce

runoff into the reservoir. Staff is monitoring facilities for adverse storm impacts. He updated forecasts for implementation of the Hilton Creek Emergency Backup System and the Emergency Pumping Facility at the North Portal. Further, Mr. Degner provided updated status on the various Infrastructure Improvement Projects, highlighting lake profiles, the status of the Sanitary Survey, SCADA upgrades and South Coast Conduit projects. Mr. Degner fielded questions from the Board, including Board interest in revegetation data in future reports.

12. OPERATIONS DIVISION REPORT

- Lake Cachuma Operations
- Operation and Maintenance Activities

Mr. King presented the Operations Division report, reviewing the activities of staff over the past month. In particular he noted the unearthing of four historical anodes which had been brought up to grade and were being monitored. Mr. King reported the installation of new pumps for the Lauro debris basin which had also been cleared in anticipation of rain. Staff also located three discontinued piezometers at Lauro reservoir and assisted Fisheries staff with upgrade of the water trailer and the planting of the new Oak Tree saplings.

13. FISHERIES DIVISION REPORT

- LSYR Steelhead Monitoring Elements
- Tributary Project Updates
- Surcharge Water Accounting
- Reporting/Outreach/Training

Mr. Robinson presented the Fisheries Division report, announcing the hiring of two new seasonal workers. He noted that target flows had been maintained to Hilton Creek and the Highway 154 bridge and provided details regarding the repair of the Hilton Creek Emergency Backup System. Mr. Robinson updated the Board on the upcoming activities of the Division, including Redd surveys and trapping efforts. Finally he advised that the Annual Monitoring Report and Summary, as well as the RPM6 reporting were all complete and up to date. Mr. Robinson fielded questions from the Board.

14. PROGRESS REPORT ON LAKE CACHUMA OAK TREE PROGRAM

- Maintenance and Monitoring

Mr. Robinson introduced the Oak Tree program report, advising that crew had focused on weeding and irrigating the newer oak trees. The Fisheries crew, with assistance from the Operations crew, began the planting of the new trees shortly after Christmas. Additionally, Mr. Robinson reported that the Operations crew assisted with repair of the water trailer. He fielded comments from the Board.

15. MONTHLY CACHUMA PROJECT REPORTS

- a. Cachuma Water Reports
- b. Cachuma Reservoir Current Conditions
- c. Lake Cachuma Quagga Survey

Ms. Gingras drew the Board's attention to the Cachuma Project reports noting that both November and December were included in the reports. She reported that water demands were somewhat higher in December due to the dry conditions.

16. DIRECTORS' REQUESTS FOR AGENDA ITEMS FOR FUTURE MEETING

There were no requests from Directors for future agenda items.

17. [CLOSED SESSION]: CONFERENCE WITH LEGAL COUNSEL: POTENTIAL LITIGATION

- a. [Government Code Section 54956.9(d)(1)]
Name of matter: *Kimball-Griffith L.P. v. Brenda Wren Burman, et al.*, Case No. 2:20-cv-10647
– Request for Declaratory and Injunctive Relief

The Board entered into Closed Session at 2:50 PM.

18. RECONVENE INTO OPEN SESSION

[Government Code Section 54957.7]
Disclosure of actions taken in closed session, as applicable
[Government Code Section 54957.1]

- 17a. *Kimball-Griffith L.P. v. Brenda Wren Burman, et al.*, Case No. 2:20-cv-10647 – Request for Declaratory and Injunctive Relief

The Board reconvened into Open Session at 3:10 PM. There was no reportable action.

19. MEETING SCHEDULE

- February 22, 2021 at 1:00 PM
- Board Packages available on COMB website www.cachuma-board.org

20. COMB ADJOURNMENT

There being no further business, the meeting was adjourned at 3:11 PM.

Respectfully submitted,

Janet Gingras, Secretary of the Board

	<i>Approved</i>
√	<i>Unapproved</i>

APPROVED:

Polly Holcombe, President of the Board

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Cachuma Operation & Maintenance Board
Statement of Net Position
As of January 31, 2021
UNAUDITED FINANCIALS

Jan 31, 21

ASSETS

Current Assets

Checking/Savings

Trust Funds

1210 · Warren Act Trust Fund \$ 80,630.72

1220 · Renewal Fund 48,739.14

Total Trust Funds \$ 129,369.86

1050 · General Fund 410,738.95

1100 · Revolving Fund 101,347.64

Total Checking/Savings 641,456.45

Accounts Receivable

1301 · Accounts Receivable 1,570.02

1320 · Quarterly Assessments Receivable 1,565,732.00

Total Accounts Receivable 1,567,302.02

Other Current Assets

1010 · Petty Cash 500.00

1200 · LAIF 1,395,811.06

1303 · Bradbury SOD Act Assessments Receivable 207,474.00

1304 · Lauro Dam SOD Assessments Receivable 31,939.08

1400 · Prepaid Insurance 10,178.72

Total Other Current Assets 1,645,902.86

Total Current Assets 3,854,661.33

Fixed Assets

1500 · Vehicles 468,728.36

1505 · Office Furniture & Equipment 306,053.41

1510 · Mobile Offices 97,803.34

1515 · Field Equipment 550,152.72

1525 · Paving 38,351.00

1550 · Accumulated Depreciation (1,276,895.81)

Total Fixed Assets 184,193.02

Other Assets

1923 · Deferred Outflow (GASB 75) 886,927.00

1910 · Long Term Bradbury SOD Act Assessments Receivable 4,271,329.07

1920 · LT Lauro SOD Act Assessments Receivable 772,150.06

1922 · Deferred Outflow of Resources (GASB 68) 336,263.00

Total Other Assets 6,266,669.13

TOTAL ASSETS \$ 10,305,523.48

Cachuma Operation & Maintenance Board
Statement of Net Position
As of January 31, 2021
UNAUDITED FINANCIALS

	Jan 31, 21
LIABILITIES & NET POSITION	
Liabilities	
Current Liabilities	
Accounts Payable	
2200 · Accounts Payable	\$ 57,558.10
Total Accounts Payable	57,558.10
Other Current Liabilities	
2505 · Accrued Wages	11,794.50
2550 · Vacation/Sick	183,338.51
2561 · Bradbury Dam SOD Act	207,473.99
2563 · Lauro Dam SOD Act	31,939.08
2565 · Accrued Interest SOD Act	52,227.00
2567 · Loan Payable Current EPFP	226,722.11
2590 · Deferred Revenue	129,369.86
2594 · Deferred Revenue - Assessments	6,093.50
Total Other Current Liabilities	848,958.55
Total Current Liabilities	906,516.65
Long Term Liabilities	
2602 · Long Term SOD Act Liability-Bradbury	4,271,319.07
2603 · Long Term SOD Act Liability - Lauro	772,150.06
2604 · OPEB Long Term Liability	5,565,697.00
2610 · Net Pension Liability (GASB 68)	1,893,141.00
2611 · Deferred Inflow of Resources (GASB 68)	802,348.00
Total Long Term Liabilities	13,304,655.13
Total Liabilities	14,211,171.78
Net Position	
3000 · Opening Balance Net Position	(5,296,580.05)
3901 · Retained Net Assets	(812,284.12)
Net Income	2,203,215.87
Total Net Position	(3,905,648.30)
TOTAL LIABILITIES & NET POSITION	\$ 10,305,523.48

Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures (Unaudited)
 Budget vs. Actuals July 2020 - June 2021

	Fisheries				Operations				TOTAL			
	Jul '20 - Jan 21	Budget	\$ Over / (Under) Budget	% of Budget	Jul '20 - Jan 21	Budget	\$ Over / (Under) Budget	% of Budget	Jul '20 - Jan 21	Budget	\$ Over / (Under) Budget	% of Budget
Revenue												
3000 REVENUE												
3001 · O&M Budget (Qtrly Assessments)	\$ 668,496.00	\$ 1,001,522.00	\$ (333,026.00)	66.75%	\$ 2,985,703.00	\$ 3,806,921.00	\$ (821,218.00)	78.43%	\$ 3,654,199.00	\$ 4,808,443.00	\$ (1,154,244.00)	76.0%
3006 · Warren Act	77,780.00	62,780.00	15,000.00	123.89%	0.00				77,780.00	62,780.00	15,000.00	123.89%
3007 · Renewal Fund	164,774.47	203,298.00	-38,523.53	81.05%	0.00				164,774.47	203,298.00	-38,523.53	81.05%
3009 · EPFP Loan (Qtrly Assessments)	0.00				231,725.10	0.00	2,231,725.10	100.0%	231,725.10	0.00	231,725.10	100.0%
3010 · Interest Income	0.00				5,156.47	0.00	5,156.47	100.0%	5,156.47	0.00	5,156.47	100.0%
3014 · Non-Member Agency Revenue	15,000.00	0.00	15,000.00	100.0%	0.00				15,000.00	0.00	15,000.00	100.0%
3020 · Misc Income	0.00				250.00	0.00	250.00	100.0%	250.00	0.00	250.00	100.0%
3035 · Cachuma Project Betterment Fund	90,000.00	90,000.00	0.00	100.0%	0.00				90,000.00	90,000.00	0.00	100.0%
3042 · Sycamore Cnyn Slope Stabln Reim	0.00				3,736.60	0.00	3,736.60	100.0%	3,736.60	0.00	3,736.60	100.0%
3043 · Grant-QC Crossing #8	43,280.29	0.00	43,280.29	100.0%	0.00				43,280.29	0.00	43,280.29	100.0%
Total 3000 REVENUE	\$ 1,059,330.76	\$ 1,357,600.00	\$ (298,269.24)	78.03%	\$ 3,226,571.17	\$ 3,806,921.00	\$ (580,349.83)	84.76%	\$ 4,285,901.93	\$ 5,164,521.00	\$ (878,619.07)	82.99%
Expense												
3100 · LABOR - OPERATIONS	\$ -	\$ -	\$ -	0.0%	\$ 458,837.40	\$ 1,010,140.00	\$ (551,302.60)	45.42%	\$ 458,837.40	\$ 1,010,140.00	\$ (551,302.60)	45.42%
3200 VEH & EQUIPMENT												
3201 · Vehicle/Equip Mtce	0.00				14,735.58	35,000.00	-20,264.42	42.1%	14,735.58	35,000.00	-20,264.42	42.1%
3202 · Fixed Capital	0.00				0.00	25,000.00	-25,000.00	0.0%	0.00	25,000.00	-25,000.00	0.0%
3203 · Equipment Rental	0.00				335.00	5,000.00	-4,665.00	6.7%	335.00	5,000.00	-4,665.00	6.7%
3204 · Miscellaneous	0.00				656.60	10,000.00	-9,343.40	6.57%	656.60	10,000.00	-9,343.40	6.57%
Total 3200 VEH & EQUIPMENT	0.00				15,727.18	75,000.00	-59,272.82	20.97%	15,727.18	75,000.00	-59,272.82	20.97%
3300 · CONTRACT LABOR												
3301 · Conduit, Meter, Valve & Misc	0.00				8,106.37	20,000.00	-11,893.63	40.53%	8,106.37	20,000.00	-11,893.63	40.53%
3302 · Buildings & Roads	0.00				3,447.34	20,000.00	-16,552.66	17.24%	3,447.34	20,000.00	-16,552.66	17.24%
3303 · Reservoirs	0.00				13,213.34	60,000.00	-46,786.66	22.02%	13,213.34	60,000.00	-46,786.66	22.02%
3304 · Engineering, Misc Services	0.00				6,560.00	30,000.00	-23,440.00	21.87%	6,560.00	30,000.00	-23,440.00	21.87%
Total 3300 · CONTRACT LABOR	0.00				31,327.05	130,000.00	-98,672.95	24.1%	31,327.05	130,000.00	-98,672.95	24.1%
3400 · MATERIALS & SUPPLIES												
3401 · Conduit, Meter, Valve & Misc	0.00				20,918.67	65,000.00	-44,081.33	32.18%	20,918.67	65,000.00	-44,081.33	32.18%
3402 · Buildings & Roads	0.00				5,575.54	8,000.00	-2,424.46	69.69%	5,575.54	8,000.00	-2,424.46	69.69%
3403 · Reservoirs	0.00				282.00	5,000.00	-4,718.00	5.64%	282.00	5,000.00	-4,718.00	5.64%
Total 3400 · MATERIALS & SUPPLIES	0.00				26,776.21	78,000.00	-51,223.79	34.33%	26,776.21	78,000.00	-51,223.79	34.33%
3500 · OTHER EXPENSES												
3501 · Utilities	0.00				3,655.49	7,000.00	-3,344.51	52.22%	3,655.49	7,000.00	-3,344.51	52.22%
3502 · Uniforms	0.00				2,446.20	5,000.00	-2,553.80	48.92%	2,446.20	5,000.00	-2,553.80	48.92%
3503 · Communications	0.00				7,231.91	15,800.00	-8,568.09	45.77%	7,231.91	15,800.00	-8,568.09	45.77%
3504 · USA & Other Services	0.00				1,283.90	4,000.00	-2,716.10	32.1%	1,283.90	4,000.00	-2,716.10	32.1%
3505 · Miscellaneous	0.00				6,665.37	11,200.00	-4,534.63	59.51%	6,665.37	11,200.00	-4,534.63	59.51%
3506 · Training	0.00				589.98	3,000.00	-2,410.02	19.67%	589.98	3,000.00	-2,410.02	19.67%
Total 3500 · OTHER EXPENSES	0.00				21,872.85	46,000.00	-24,127.15	47.55%	21,872.85	46,000.00	-24,127.15	47.55%
4100 · LABOR - FISHERIES	404,890.53	729,413.00	-324,522.47	55.51%	0.00				404,890.53	729,413.00	-324,522.47	55.51%
4200 · VEHICLES & EQUIP - FISHERIES												
4270 · Vehicle/Equip Mtce	10,062.05	30,000.00	-19,937.95	33.54%	0.00				10,062.05	30,000.00	-19,937.95	33.54%

Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures (Unaudited)
 Budget vs. Actuals July 2020 - June 2021

	Fisheries				Operations				TOTAL			
	Jul '20 - Jan 21	Budget	\$ Over / (Under) Budget	% of Budget	Jul '20 - Jan 21	Budget	\$ Over / (Under) Budget	% of Budget	Jul '20 - Jan 21	Budget	\$ Over / (Under) Budget	% of Budget
4280 · Fixed Capital	2,221.03	15,000.00	-12,778.97	14.81%	0.00				2,221.03	15,000.00	-12,778.97	14.81%
4290 · Miscellaneous	0.00	2,500.00	-2,500.00	0.0%	0.00				0.00	2,500.00	-2,500.00	0.0%
Total 4200 · VEHICLES & EQUIP - FISHERIES	12,283.08	47,500.00	-35,216.92	25.86%	0.00				12,283.08	47,500.00	-35,216.92	25.86%
4220 · CONTRACT LABOR - FISHERIES												
4221 · Meters & Valves	1,247.45	3,000.00	-1,752.55	41.58%	0.00				1,247.45	3,000.00	-1,752.55	41.58%
4222 · Fish Projects Maintenance	5,905.16	20,000.00	-14,094.84	29.53%	0.00				5,905.16	20,000.00	-14,094.84	29.53%
Total 4220 · CONTRACT LABOR - FISHERIES	7,152.61	23,000.00	-15,847.39	31.1%	0.00				7,152.61	23,000.00	-15,847.39	31.1%
4300 · MATERIALS/SUPPLIES - FISHERIES												
4390 · Miscellaneous	788.53	7,000.00	-6,211.47	11.27%	0.00				788.53	7,000.00	-6,211.47	11.27%
Total 4300 · MATERIALS/SUPPLIES - FISHERIES	788.53	7,000.00	-6,211.47	11.27%	0.00				788.53	7,000.00	-6,211.47	11.27%
4500 · OTHER EXPENSES - FISHERIES												
4502 · Uniforms	1,297.47	3,500.00	-2,202.53	37.07%	0.00				1,297.47	3,500.00	-2,202.53	37.07%
Total 4500 · OTHER EXPENSES - FISHERIES	1,297.47	3,500.00	-2,202.53	37.07%	0.00				1,297.47	3,500.00	-2,202.53	37.07%
4999 · GENERAL & ADMINISTRATIVE												
5000 · Director Fees	0.00				3,811.60	12,400.00	-8,588.40	30.74%	3,811.60	12,400.00	-8,588.40	30.74%
5001 · Director Mileage	0.00				16.37	600.00	-583.63	2.73%	16.37	600.00	-583.63	2.73%
5100 · Legal	0.00				30,760.45	75,000.00	-44,239.55	41.01%	30,760.45	75,000.00	-44,239.55	41.01%
5101 · Audit	0.00				9,756.50	22,750.00	-12,993.50	42.9%	9,756.50	22,750.00	-12,993.50	42.9%
5150 · Unemployment Tax	0.00				0.00	5,000.00	-5,000.00	0.0%	0.00	5,000.00	-5,000.00	0.0%
5200 · Liability Insurance	0.00				31,188.59	33,326.00	-2,137.41	93.59%	31,188.59	33,326.00	-2,137.41	93.59%
5310 · Postage/Office Exp	0.00				3,947.53	5,000.00	-1,052.47	78.95%	3,947.53	5,000.00	-1,052.47	78.95%
5311 · Office Equip/Leases	0.00				5,290.67	9,700.00	-4,409.33	54.54%	5,290.67	9,700.00	-4,409.33	54.54%
5312 · Misc Admin Expenses	0.00				8,216.21	14,000.00	-5,783.79	58.69%	8,216.21	14,000.00	-5,783.79	58.69%
5313 · Communications	0.00				3,195.33	6,500.00	-3,304.67	49.16%	3,195.33	6,500.00	-3,304.67	49.16%
5314 · Utilities	0.00				5,493.95	9,737.00	-4,243.05	56.42%	5,493.95	9,737.00	-4,243.05	56.42%
5315 · Membership Dues	0.00				10,147.65	9,700.00	447.65	-104.6%	10,147.65	9,700.00	447.65	-104.6%
5316 · Admin Fixed Assets	0.00				2,986.29	3,000.00	-13.71	99.54%	2,986.29	3,000.00	-13.71	99.54%
5318 · Computer Consultant	0.00				9,741.68	16,500.00	-6,758.32	59.04%	9,741.68	16,500.00	-6,758.32	59.04%
5325 · Emp Training/Subscriptions	0.00				0.00	2,000.00	-2,000.00	0.0%	0.00	2,000.00	-2,000.00	0.0%
5330 · Admin Travel/Conferences	0.00				0.00	2,000.00	-2,000.00	0.0%	0.00	2,000.00	-2,000.00	0.0%
5331 · Public Information	0.00				1,608.73	3,500.00	-1,891.27	45.96%	1,608.73	3,500.00	-1,891.27	45.96%
Total 4999 · GENERAL & ADMINISTRATIVE	0.00				126,161.55	230,713.00	-104,551.45	54.68%	126,161.55	230,713.00	-104,551.45	54.68%
5299 · ADMIN LABOR	0.00				331,559.95	602,068.00	-270,508.05	55.07%	331,559.95	602,068.00	-270,508.05	55.07%
5400 · GENERAL & ADMIN - FISHERIES												
5407 · Legal - FD	3,823.75	25,000.00	-21,176.25	15.3%	0.00				3,823.75	25,000.00	-21,176.25	15.3%
5410 · Postage / Office Supplies	2,139.50	4,000.00	-1,860.50	53.49%	0.00				2,139.50	4,000.00	-1,860.50	53.49%
5411 · Office Equipment / Leases	2,027.88	6,518.00	-4,490.12	31.11%	0.00				2,027.88	6,518.00	-4,490.12	31.11%
5412 · Misc. Admin Expense	2,727.31	7,500.00	-4,772.69	36.36%	0.00				2,727.31	7,500.00	-4,772.69	36.36%
5413 · Communications	1,720.59	4,455.00	-2,734.41	38.62%	0.00				1,720.59	4,455.00	-2,734.41	38.62%
5414 · Utilities	2,958.26	5,243.00	-2,284.74	56.42%	0.00				2,958.26	5,243.00	-2,284.74	56.42%
5415 · Membership Dues	5,217.35	6,200.00	-982.65	84.2%	0.00				5,217.35	6,200.00	-982.65	84.2%
5416 · Admin Fixed Assets	1,606.99	3,000.00	-1,393.01	53.57%	0.00				1,606.99	3,000.00	-1,393.01	53.57%
5418 · Computer Consultant	5,246.52	9,000.00	-3,753.48	58.3%	0.00				5,246.52	9,000.00	-3,753.48	58.3%
5425 · Employee Education/Subscription	0.00	2,500.00	-2,500.00	0.0%	0.00				0.00	2,500.00	-2,500.00	0.0%

Cachuma Operation & Maintenance Board
Statement of Revenues and Expenditures (Unaudited)
 Budget vs. Actuals July 2020 - June 2021

	Fisheries				Operations				TOTAL			
	Jul '20 - Jan 21	Budget	\$ Over / (Under) Budget	% of Budget	Jul '20 - Jan 21	Budget	\$ Over / (Under) Budget	% of Budget	Jul '20 - Jan 21	Budget	\$ Over / (Under) Budget	% of Budget
5426 · Director Fees	2,052.40	6,700.00	-4,647.60	30.63%	0.00				2,052.40	6,700.00	-4,647.60	30.63%
5427 · Director Mileage	0.00	300.00	-300.00	0.0%	0.00				0.00	300.00	-300.00	0.0%
5430 · Travel	8.82	2,500.00	-2,491.18	0.35%	0.00				8.82	2,500.00	-2,491.18	0.35%
5431 · Public Information	971.24	1,500.00	-528.76	64.75%	0.00				971.24	1,500.00	-528.76	64.75%
5441 · Audit	5,253.50	12,250.00	-6,996.50	42.9%	0.00				5,253.50	12,250.00	-6,996.50	42.9%
5443 · Liab & Property Ins	16,793.86	17,745.00	-951.14	94.64%	0.00				16,793.86	17,745.00	-951.14	94.64%
Total 5400 · GENERAL & ADMIN - FISHERIES	52,547.97	114,411.00	-61,863.03	45.93%	0.00				52,547.97	114,411.00	-61,863.03	45.93%
5499 · ADMIN LABOR-FISHERIES	129,124.42	247,776.00	-118,651.58	52.11%	0.00				129,124.42	247,776.00	-118,651.58	52.11%
5510 · Integrated Reg. Water Mgt Plan	0.00				0.00	5,000.00	-5,000.00	0.0%	0.00	5,000.00	-5,000.00	0.0%
6000 · SPECIAL PROJECTS												
6062 · SCADA	0.00				82,461.57	150,000.00	-67,538.43	54.97%	82,461.57	150,000.00	-67,538.43	54.97%
6090 · COMB Office Building	0.00				18,374.25	300,000.00	-281,625.75	6.13%	18,374.25	300,000.00	-281,625.75	6.13%
6096 · SCC Structure Rehabilitation	0.00				95,546.31	440,000.00	-344,453.69	21.72%	95,546.31	440,000.00	-344,453.69	21.72%
6097 · GIS and Mapping	0.00				5,400.00	10,000.00	-4,600.00	54.0%	5,400.00	10,000.00	-4,600.00	54.0%
6100 · Watershed Sanitary Survey	0.00				0.00	70,000.00	-70,000.00	0.0%	0.00	70,000.00	-70,000.00	0.0%
6105 · ROW Management Program	0.00				355.66	20,000.00	-19,644.34	1.78%	355.66	20,000.00	-19,644.34	1.78%
6120 · Lake Cachuma Secured Pipeline	0.00				104,650.62	300,000.00	-195,349.38	34.88%	104,650.62	300,000.00	-195,349.38	34.88%
6135 · SCC San Jose Creek Pipe Stabili	0.00				1,902.66	0.00	1,902.66	100.0%	1,902.66	0.00	1,902.66	100.0%
6136 · SCC Isolation Valve Evaluation	0.00				0.00	190,000.00	-190,000.00	0.0%	0.00	190,000.00	-190,000.00	0.0%
6137 · SCC Lower Reach Lateral Structu	0.00				10,814.50	150,000.00	-139,185.50	7.21%	10,814.50	150,000.00	-139,185.50	7.21%
6138 · Cachuma Watershed Mgmt Study	0.00				14,331.37	0.00	14,331.37	100.0%	14,331.37	0.00	14,331.37	100.0%
Total 6000 · SPECIAL PROJECTS	0.00				333,836.94	1,630,000.00	-1,296,163.06	20.48%	333,836.94	1,630,000.00	-1,296,163.06	20.48%
6200 · FISHERIES ACTIVITIES												
6201 · FMP Implementation	14,219.45	35,000.00	-20,780.55	40.63%	0.00				14,219.45	35,000.00	-20,780.55	40.63%
6202 · GIS and Mapping	3,550.00	10,000.00	-6,450.00	35.5%	0.00				3,550.00	10,000.00	-6,450.00	35.5%
6205 · USGS Stream Gauge Program	53,713.62	105,000.00	-51,286.38	51.16%	0.00				53,713.62	105,000.00	-51,286.38	51.16%
6207 · Oak Tree Restoration Program	11,895.11	25,000.00	-13,104.89	47.58%	0.00				11,895.11	25,000.00	-13,104.89	47.58%
Total 6200 · FISHERIES ACTIVITIES	83,378.18	175,000.00	-91,621.82	47.65%	0.00				83,378.18	175,000.00	-91,621.82	47.65%
6300 · HABITAT ENHANCEMENT												
6303 · Tributary Projects Support	0.00	10,000.00	-10,000.00	0.0%	0.00				0.00	10,000.00	-10,000.00	0.0%
6315 · Quiota Creek Crossing 8	36,640.16	0.00	36,640.16	100.0%	0.00				36,640.16	0.00	36,640.16	100.0%
Total 6300 · HABITAT ENHANCEMENT	36,640.16	10,000.00	26,640.16	366.4%	0.00				36,640.16	10,000.00	26,640.16	366.4%
7007 · INTEREST EXPENSE-EPFP	0.00				8,483.98	0.00	8,483.98	100.0%	8,483.98	0.00	8,483.98	100.0%
Total Expense	\$ 728,102.95	\$ 1,357,600.00	\$ (629,497.05)	53.63%	\$ 1,354,583.11	\$ 3,806,921.00	\$ (2,452,337.89)	35.58%	\$ 2,082,686.06	\$ 5,164,521.00	\$ (3,081,834.94)	40.33%
Net Surplus / Deficit	\$ 331,227.81	\$ -	\$ 331,227.81	100.0%	\$ 1,871,988.06	\$ -	\$ 1,871,988.06	100.0%	\$ 2,203,215.87	\$ -	\$ 2,203,215.87	100.0%

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	February 22, 2021
Submitted by:	Janet Gingras

SUBJECT: Investment Report – January 31, 2021

RECOMMENDATION

The Board of Directors receive and file the Cachuma Operation & Maintenance Board Investment Report as of January 31, 2021.

DISCUSSION

Cash and investment programs are maintained in accordance with California Government Code Section 53600 et seq. and COMB's adopted investment policy. These policies ensure proper control and safeguards are maintained throughout the financial transaction process. Pursuant to State law, the COMB Board adopts a detailed investment policy through a Board resolution on an annual basis.

Reports on COMB's investment portfolio and cash position are developed and presented to the COMB Board on a monthly basis, in conformity with the California Government Code.

Unrestricted Cash

Unrestricted cash exceeding current operating needs is invested in LAIF to generate interest income. The average monthly effective yield rate, as of January 2021, is reported at 0.458%.

See Table 1 below for a summary of balances held in unrestricted accounts.

TABLE 1			
Unrestricted Reserve Funds		Date	Principal
Local Agency Investment Fund (LAIF)			
Previous Balance		12/31/2020	\$ 1,393,607.59
(+) Deposits/Credits			2,203.47
(-) Checks/Withdrawals			-
Statement Balance		01/31/2021	\$ 1,395,811.06

Restricted Cash

The Cachuma Project Warren Act Trust Fund (Trust Fund) and Cachuma Project Master Contract Renewal Fund (Renewal Fund) are two separate funds that have been established through contracts with the U.S. Bureau of Reclamation (Reclamation). The Trust Fund and the Renewal Fund require annual and five-year plans which are used to inform the Funds Committee in making decisions on expenditures for betterment of the Cachuma Project.

See Table 2 below for a summary of balances held in restricted accounts.

TABLE 2			
Restricted Reserve Funds		Date	Principal
American Riviera Bank Renewal Account			
	Previous Balance	12/31/2020	\$ 117,694 .58
	(+) Deposits/Credits		-
	(-) Checks/Withdrawals		-68,955.44
	Statement Balance	01/31/2021	\$ 48,739.14
American Riviera Bank Warren Act Trust Fund			
	Previous Balance	12/31/2020	\$ 73,148.72
	(+) Deposits/Credits		7,482.00
	(-) Checks/Withdrawals		-
	Statement Balance	01/31/2021	\$ 80,630.72

STATEMENT

The above statement of investment activity for the month of January 2021, complies with legal requirements for investment policy of government agencies, AB 1073. I hereby certify that it constitutes a complete and accurate summary of all American Riviera Bank and LAIF investments of this agency for the period indicated.



 Secretary

Cachuma Operation & Maintenance Board
Paid Claims
As of January 31, 2021

Date	Num	Name	Memo	Amount
1050 - General Fund				
01/04/2021	28194	All Around Landscape Supply	Lauro Reservoir Supplies (Ops)	-28.48
01/04/2021	28195	Aqua-Flo Supply	Lauro Yard and San Jose Creek Project Supplies (Ops)	-417.70
01/04/2021	28196	Aspect Engineering Group	SCADA Upgrade - PLC	-7,265.26
01/04/2021	28197	City of Santa-Barbara	Trash / Recycling December 2020	-304.75
01/04/2021	28198	Cori Hayman	Director Meeting Fees December 2020	-150.00
01/04/2021	28199	DMV Renewal	Wylie Trailer Plate Fee (Fisheries)	-22.00
01/04/2021	28200	Farm Supply Company	Oak Tree Program - Supplies (Fisheries)	-1,910.41
01/04/2021	28201	FP Mailing Solutions	Postage Meter Supplies (Ops & Fisheries)	-195.75
01/04/2021	28202	Frontier Communications	Phone Service - Alarm, Fax, Modem, Board Room	-196.06
01/04/2021	28203	Frontier Communications	Phone Service - North Portal	-62.88
01/04/2021	28204	Integra Chemical Company	South Coast Conduit Rehabilitation Supplies	-1,396.03
01/04/2021	28205	Kristen Sneddon	Director Meeting Fees December 2020	-300.00
01/04/2021	28206	Lauren W. Hanson	Director Meeting Fees December 2020	-300.00
01/04/2021	28207	Manzanita Nursery	Oak Tree Program - Saplings (Fisheries)	-1,724.00
01/04/2021	28208	Musick, Peeler & Garrett LLP	General Counsel (Ops & Fisheries)	-1,702.00
01/04/2021	28209	Paychex, Inc. (Payroll)	Payroll & Payroll Tax Services 12/09/20 & 12/22/20	-195.90
01/04/2021	28210	Polly Holcombe	Director Meeting Fees December 2020	-384.00
01/04/2021	28211	Southern California Edison	Electricity - Main & Outlying Stations	-1,143.94
01/04/2021	28212	Sparkletts	Operations Safety	-118.15
01/04/2021	28213	Staples Business Credit	Office Supplies (Ops & Fisheries)	-636.41
01/04/2021	28214	Void	Void	0.00
01/04/2021	28215	Void	Void	0.00
01/04/2021	28216	TEK Computer Services	Printer Repair (Ops & Fisheries)	-168.75
01/04/2021	28217	Turenchalk Network Services, Inc.	New Dell IT Workstation & Labor (Server Room)	-1,171.76
01/04/2021	28218	Turenchalk Network Services, Inc.	Network Support Billing 12/01/20-12/31/20	-1,921.60
01/04/2021	28219	Zac Gonzalez Landscaping & Tree Care	Landscape Maintenance December 2020	-480.00
01/11/2021	28220	Agri-Turf Supplies, Inc.	Oak Tree Program - Planting Supplies (Fisheries)	-587.12
01/11/2021	28221	Association of Ca Water Agencies/JPIA	February Health Benefits Premium	-30,783.05
01/11/2021	28222	AT&T	Long Distance 11/28-12/27/20	-37.00
01/11/2021	28223	Boyd & Associates	Alarm Monitoring 1/01/21-3/31/20	-82.50
01/11/2021	28224	Carpinteria Valley Lumber Company	Supplies (Ops)	-7.07
01/11/2021	28225	Coastal Copy, LP	Copier Maintenance - Kyocera Taskalfa 3253ci & 6052ci	-591.93
01/11/2021	28226	Cox Communications Santa Barbara	Business Internet December 2020 & January 2021	-321.09
01/11/2021	28227	Culligan of Sylmar	RO Rental January 2021	-30.85
01/11/2021	28228	Dal Pozzo Tire Corp.	Backhoe Tire Repair (Ops)	-35.00
01/11/2021	28229	Employee Relations, Inc.	Background Check (Fisheries)	-110.72
01/11/2021	28230	Farm Supply Company	Oak Tree Program - Welded Wire and Tree Stakes (Fisheries)	-1,450.86
01/11/2021	28231	Government Finance Officers Assn	CAFR Review Fee FY 2019-20	-460.00
01/11/2021	28232	HDR Engineering, Inc.	FMP Implementation, South Side Erosion Control Support - Engineering Services	-1,068.08
01/11/2021	28233	Home Depot Credit Services	Vehicle Maintenance Supplies, Hardware (Ops & Fisheries)	-157.53
01/11/2021	28234	Manzanita Nursery	Oak Tree Program - Saplings (Fisheries)	-2,155.00
01/11/2021	28235	MarBorg Industries	Portable Facilities (Ops)	-387.92
01/11/2021	28236	Powell Garage	2015 Chevrolet - Silverado 1500 100,000 Service	-1,735.44
01/11/2021	28237	Premiere Global Services	Conference Calls December 2020	-26.62
01/11/2021	28238	Sansum Clinic-Occupational Medicine	Pre-Employment Physicals (Fisheries)	-538.00
01/11/2021	28239	Southern California Edison	Electricity - Outlying Stations (Ops)	-25.20
01/11/2021	28240	Wright Express Fleet Services	Fleet Fuel December 2020	-2,313.81
01/21/2021	28241	ACWA-Joint Powers Insurance Authority	Workers Compensation Program 10/1/20-12/31/20	-10,859.88
01/21/2021	28242	American Riviera Bank - Card Service	Website Hosting, Ops Phone Cases, Sampling Materials	-1,031.74
01/21/2021	28243	Aqua-Flo Supply	San Jose Creek Project - Watering Supplies (Ops)	-166.66
01/21/2021	28244	Aspect Engineering Group	SCADA Upgrade - PLC	-32,900.54
01/21/2021	28245	Bend Genetics, LLC	Lake Cachuma Water Quality Sampling	-40.00
01/21/2021	28246	Boyd & Associates	Service Per Work Order 12/31/20	-125.00
01/21/2021	28247	CIO Solutions, LP	Mitel Telephone Support Agreement	-441.00
01/21/2021	28248	Cushman Contracting Corp.	EPFP Pumping System - Pay Req #81	-3,500.00
01/21/2021	28249	Cushman Contracting Corp.	COMB Blowoff and Air/Vac Upgrade Sch F&G	-13,741.63
01/21/2021	28250	Famcon Pipe & Supply	South Coast Conduit Materials	-7,362.65
01/21/2021	28251	Federal Express	Shipping (Ops)	-78.24
01/21/2021	28252	Flowers & Associates, Inc.	SCC Carp Line Valves PSA 20-21-05 - Engineering Services	-11,052.00
01/21/2021	28253	Graybar Electric Company, Inc.	Schneider Electric CB 120/240V 30A/2P	-29.79
01/21/2021	28254	Impulse Advanced Communications	Phone Service - Main Office (Ops & Fisheries)	-457.47
01/21/2021	28255	OS Systems, Inc.	Repair of 2 Dry Suits	-263.80
01/21/2021	28256	PG&E	Electricity - Outlying Stations (Ops)	-371.75
01/21/2021	28257	Smart Sheet Inc	Smartsheet 4 User License Renewal 2021	-996.00
01/21/2021	28258	SWRCB Fees	San Jose Creek Project - Annual Permit Fee 7/1/20-6/30/21	-1,736.00
01/21/2021	28259	SWRCB Fees	South Side Erosion Control - Annual Permit Fee 7/1/20-6/30/21	-1,736.00
01/21/2021	28260	The Gas Company	Gas - Main Office	-98.23
01/21/2021	28261	Underground Service Alert of So. Calif.	Ticket Charges & Database Fee	-120.55
01/21/2021	28262	Verizon Wireless	Cell Phones, Modems, iPads & Iphone Purchase (Ops)	-1,348.57
01/21/2021	28263	Your Children's Trees	Habitat Restoration Materials (Ops)	-125.00
01/22/2021	28264	Wells Fargo Vendor Fin Serv	Copier Leases - Kyocera Taskalfa 6052ci & 3253ci	-569.96

Cachuma Operation & Maintenance Board
Paid Claims
As of January 31, 2021

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
01/25/2021	28265	United States Geological Survey	USGS Santa Ynez River Stream Gauging Program (Quarterly Fee)	-21,910.00
01/28/2021	012521A	American Riviera Bank (ARB)	EPFP Loan Payment 1 of 2	-28,123.75
01/28/2021	012521B	American Riviera Bank (ARB)	EPFP Loan Payment 2 of 2	-10,354.21
Total 1050 - General Fund				-214,641.04
TOTAL				<u>-214,641.04</u>

APPROVALS

Director _____

Director _____

Director _____



Mission Statement:

“To provide a reliable source of water to our member agencies in an efficient and cost effective manner for the betterment of life in our communities.”

February 22, 2021

General Manager Report

The following summary provides the Board with information and an overview of progress on current COMB activities.

Administration

- **Cybersecurity and Safety Protocols**

Supervisory Control and Data Acquisition (SCADA) systems have been used since the early 1970s as a means for monitoring, and remotely controlling, geographically widely distributed processes such as water treatment and distribution. The COMB SCADA system is configured as an information only system, and does not provide any remote system controls. All assets within the COMB maintained distribution system must be operated on site, and cannot be remote controlled. In addition, all SCADA sites are protected by multiple security features including gates, fences, cabinets, locks and alarms, which prevent unwanted intrusion and tampering.

COMB has developed and maintains multiple internal guidance documents including our current risk and resilience assessment, hazard mitigation plan, cybersecurity response plan, and SCADA Master Plan which dictate safe practices for operating the SCADA system and safeguarding against cyberattacks.

- **Association of California Water Agencies (ACWA) Presidents Special Recognition Award**

Each year at the Fall Conference hosted by ACWA (virtual for 2020), the JPIA recognizes members that have a loss ratio of 20% or less in the Liability, Property, or Worker's Compensation programs. The Member's with this distinction receive the "President's Special Recognition Award" certificate for each program in which they qualify. COMB received the award (attached) for achieving a low ratio of paid claims and case reserves in the Liability Program for the period of October 1, 2016 through September 30, 2019.

- **ACWA/JPIA Retrospective Premium Adjustment (RPA) Stabilization Fund Report**

COMB has received a premium adjustment refund originating from the ACWA/JPIA Liability, Property and Worker's Compensation Programs. At the beginning of each policy period, the JPIA collects a deposit premium representing estimated costs for that year. Annually, the JPIA looks back at the estimate and reconciles the fund balance for each agency to actual claims paid.

In the past, when a member's fund balance exceeded 50 percent of its basic premium, the excess money was refunded. This year, ACWA/JPIA voted to change the calculation from the 50% exceedance of their basic premium to 70% based on projected future market adjustments on both the Property and Liability programs. This year's refund for COMB is \$19,913.91 and is reflective of a continued low paid claims history.

Respectfully Submitted,

Janet Gingras

General Manager



YOUR BEST PROTECTION

ACWA JPIA

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Roseville, CA 95661-9082

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916.786.5742
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President

E.G. "Jerry" Gladbach

Vice President

Tom Cuquet

Chief Executive Officer

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Core Values

- People
- Service
- Integrity
- Innovation

January 13, 2021

Cachuma Operation and Maintenance Board (C013)
3301 Laurel Canyon Road
Santa Barbara, CA 93105-2017

General Manager:

Each year at Fall Conference, the JPIA recognizes members that have a Loss Ratio of 20% or less in either of the Liability, Property, or Workers' Compensation programs (loss ratio = total losses / total premiums).

The members with this distinction receive the "**President's Special Recognition Award**" certificate for each Program that they qualify in.

The JPIA is extremely pleased to present Cachuma Operation and Maintenance Board (C013) with this special recognition and commends the District on the hard work in reducing claims.

Congratulations to you, your staff, Board, and District. Keep up the good work!

The JPIA wishes you the best in 2021.

Sincerely,

E.G. "Jerry" Gladbach
President

Enclosure: President's Special Recognition Award(s)

President's Special Recognition Award

*The President of the
ACWA JPIA
hereby gives Special Recognition to*

Cachuma Operation and Maintenance Board

*for achieving a low ratio of "Paid Claims and Case Reserves" to "Deposit Premiums"
in the Liability Program for the period 10/01/2016 - 09/30/2019
announced at the Board of Directors' Meeting in a Virtual Meeting.*

E. G. "Jerry" Gladbach

E. G. "Jerry" Gladbach, President



December 15, 2020

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CACHUMA OPERATION AND MAINTENANCE BOARD

MEMORANDUM

DATE: February 22, 2021
TO: Janet Gingras, General Manager
FROM: Joel Degner, Engineer/Operations Division Manager
RE: MONTHLY ENGINEERING REPORT

The following summary provides the Board with information and an overview of progress by engineering staff related to on-going activities, studies and infrastructure improvement projects.

CLIMATE CONDITIONS

The rainfall in Water Year 2020-21 is 64 percent of normal-to-date for Santa Barbara County (as of 2/16/21). A significant storm event occurred from January 27th to 29th resulting in 6.31 inches of recorded rainfall at Bradbury Dam and 5.47 inches at Gibraltar Dam. The drought classification for Santa Barbara County was shifted to abnormally dry (D1) from moderate drought (D2) on the U.S Drought Monitor (as of 2/9/21). The storm generated a modest amount of inflow into Lake Cachuma and the reservoir rose 0.7 feet as a result of the storm. Lake Cachuma is currently at 64.0% capacity (726.93' as of 2/16/20). Figure 1 provides an update on the pan evaporation totals at Lake Cachuma. Calendar year 2020 values trended closely to the historical median.

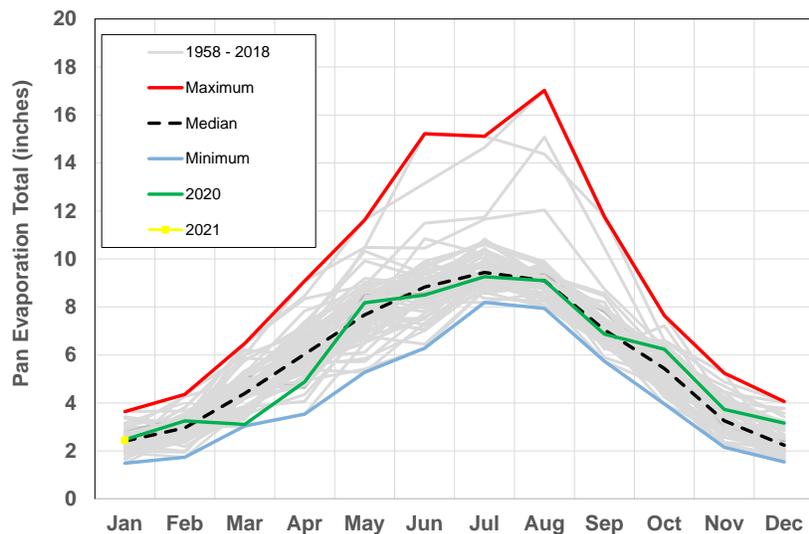


Figure 1. Lake Cachuma Monthly Evaporation Data

LAKE CACHUMA WATER QUALITY UPDATE

With tributary inflow occurring at the end of January, COMB staff took water quality samples at Tequipis Creek and at Santa Ynez River at Live Oak Campground. COMB also took concurrent samples at San Antonio Creek near Tucker's Grove downstream of the Cave Fire burn scar to better understand the water quality emanating from recently burned areas.



Figure 2. Tequipis Creek (left) and Santa Ynez River at Live Oak (right) Water Quality Sampling Locations – January 29th, 2021.

WATERSHED SANITARY SURVEY UPDATE

COMB staff sent out data requests to the agencies involved in the 2021 Watershed Sanitary Survey Update and is in process of compiling the data received. Geosyntec Consultants will review the data and update the data tables in the draft survey report. In addition, Geosyntec is preparing to conduct interviews of agency staff via teleconference or video conference as well as perform the field visits required for the survey.

GOLETA WEST CONDUIT INSPECTION AND REPAIR

Water from the South Coast Conduit is delivered to Goleta Water District and the Goleta West Conduit at Glen Anne Turnout. During the Modified Upper Reach Reliability Project in 2012, the Goleta West Conduit pipeline was exposed immediately downstream of the turnout box. The exposed mortar coating on the outside of the pipe has subsequently cracked and is in need of repair. A video inspection was conducted by Houston and Harris (outside consultant) inside the pipeline from Station 22+23 to 22+65 on February 16th, 2021 (Figure 3). The inspection was coordinated and conducted during a planned shutdown of the Goleta West Conduit by Goleta Water District. The initial inspection results indicate that the inside mortar-lining of the pipeline is in good condition. The video inspection results will be reviewed by Phoenix Engineering (consultant engineer for external repair) and COMB plans to move forward with the proposed repair of the external mortar coating in the next several weeks, pending the additional engineering review of the inspection results.



Figure 3. Goleta West Conduit – Video Camera Inspection – Inspection camera (left) and bottom of Glen Anne Turnout - Butterfly Valve #5. Mortar lining in good condition and tight seal achieved with Butterfly Valve #5.

SHEFFIELD CONTROL STATION ACCESS ROAD CULVERT REPAIR

COMB maintains an access road to the Sheffield Control Station on the north side of the Santa Barbara Tennis Club. A storm drain channel from Highway 192 routes under the access road through three corrugated metal culverts and then beneath the tennis courts. The corrugated metal culverts were corroded and a small sinkhole was forming in the access roadway where a culvert had collapsed directly over the South Coast Conduit. In order to protect the South Coast Conduit and the tennis courts from damage, the culverts on the access road needed to be replaced. Peter Lapidus Construction (lowest responsible, responsive proposer) was able to replace the culverts in mid-January just prior to the January 27th to 29th storm event (Figure 4). The culverts were replaced in-kind, however the new culverts purchased contained a polymer coating and were set in slurry vs sand bedding to better prevent future corrosion.



Figure 4. Sheffield Control Station Access Road Culvert Repair - a) Sinkhole starting to form in roadway over the South Coast Conduit alignment due to collapse culvert; b) new polymer-coated corrugated steel culverts that should better resist future corrosion; c) slurried and paved portion of the access road over the new culverts. *Note: the rusted condition of the corroded culverts in the background;* and d) repair of headwall.

POST-STORM INSPECTIONS

COMB staff continues to monitor key locations along the South Coast Conduit following storm events. One of these locations is the South Coast Conduit crossing of San Jose Creek where an emergency repair was conducted in 2019. The creek bed and riparian slope were restored following the repair. The side-slopes continue to have good vegetation cover dominated by native plants and the channel continues to provide unimpeded upstream and downstream access for fish passage migration.



Figure 5. South Coast Conduit Crossing of San Jose Creek on 1/29/21 (left) and 2/12/21 (right)

INFRASTRUCTURE IMPROVEMENT PROJECTS

Table 1 provides a summary of the status of Fiscal Year 2020-21 projects.

Table 1. Fiscal Year 2020-2021 Infrastructure Improvement Projects

Infrastructure Improvement Projects	Status / Phase	Complexity / Challenges	Estimated Completion Date
Infrastructure Improvement Projects			
SCADA System	COMB entered into a contract with Aspect Engineering to replace the 6 remaining legacy PLCs. Aspect has prioritized PLC 3, 6, and 9. Aspect has purchased most the hardware components required.	COMB SCADA system was installed in 2004 and existing hardware is obsolete and in need of replacement. PLC replacements will require coordination with COMB's Member Agencies.	PLC upgrades are planned to be completed by 2022.
COMB Building and Ground Repair	Admin and Fisheries modular office building replacement approved by the board and the designs are in the process of finalization by COMB staff.	COMB Admin and Fisheries modular offices will be replaced in-kind to limit complexity and challenges of construction.	Modular buildings are tentatively scheduled for fabrication in March.
SCC Structure Rehabilitation : AVAR/BO Valves	Contract in place and work on structures is planned for early March.	COMB plans to prioritize non-shutdown related work that can be completed this winter for this fiscal year.	Non-shutdown work will likely be done March-April. Shutdowns needs to be coordinated with Reclamation and CWWD.
SCC Line Valves for Shutdown	Preliminary design of the La Mirada line valve in Carpinteria is currently under review by Reclamation and Caltrans.	Additional line valve(s) are needed in Carpinteria to facilitate shutdown work.	Construction planned for Spring 2021 but dependent on Reclamation and Caltrans approval.
SCC Structure Rehabilitation : Lower Reach Laterals	COMB and CWWD staff exercised Laterals 1 to 10 valves and plans to exercise valves in laterals 10 to 29 in the next several weeks.	In order to facilitate shutdowns on the Lower Reach of the SCC, lateral valves need replacement. COMB is collaborating with CWWD on this project.	Initial construction planned for Spring 2021 but will depend on collaboration with CWWD.
Special Projects			
Emergency Pumping Facility - Secured Pipeline Project	Engineering designs have been submitted to Reclamation for their MP620 review. Project description prepared for environmental review. Key components of the barge are currently being stored under contract.	The lake elevation is projected to remain above 685' until the Summer/Fall 2022. Installation of the EPFP is needed when the elevation falls below 685'.	Construction could occur in Spring/Summer of 2022 depending on lake elevations.
Watershed Sanitary Survey Update	COMB is currently under contract with Geosyntec for Watershed Sanitary Survey. Data requests have been sent out and COMB is compiling the data for Geosyntec to review in March. Interviews and field visits are the are the next steps.	The update is a collaborative effort with COMB's member agencies, Santa Ynez, and the City of Lompoc.	Sanitary Survey is due by October 2021.
Lake Cachuma Water Quality and Sediment Management Study	The Study was completed in August 2020. COMB staff is preparing an implementation plan for the Phase 2 recommendations. COMB staff has increased frequency and locations of lake profiles to better document the lake turnover.	Additional sampling is needed to better understand nutrient and total organic sources prior to determining if additional larger actions at the lake would make sense from a cost-benefit stand point.	TBD

CACHUMA OPERATION AND MAINTENANCE BOARD

DATE: February 22, 2021
TO: Janet Gingras, General Manager
FROM: Shane King, Operations Supervisor
RE: **MONTHLY REPORT OF OPERATIONS – January 2021**

The total flow from Lake Cachuma into the Tecolote Tunnel for January was 1,155.8 acre-feet, for an average daily flow of 37.28 acre-feet. Lake elevation was 727.23 feet at the beginning of January and 727.28 feet at the end of January. Storage increased by 67 acre-feet. There was no inflow from CCWA into Cachuma Project facilities this month. The City of Santa Barbara wheeled 178.06 acre-feet of water from the Gibraltar Penstock through Lauro Reservoir. The Hilton Creek Watering System was utilized and delivered 319.2 acre-feet of water to Hilton Creek for the month of January. The Cachuma daily operations report from Bradbury dam indicated that there was a total of 8.39 inches of rainfall in the month of January.

The Operations Division of the Cachuma Operation and Maintenance Board has the responsibility to operate, repair and maintain all Cachuma Project facilities from the Intake Tower at Lake Cachuma to the Carpinteria Reservoir. The Annual Work Plan sets forth all activities necessary to ensure system reliability. Consistent with the Plan, Operation and Maintenance staff performs routine maintenance on the distribution and storage system. Staff continues to improve the system, address deficiencies and identify items to be included in the Infrastructure Improvement Program of work. Operations Division is responsible for:

- Adequately regulating and maintaining the diversion of water from Lake Cachuma to the South Coast via the Tecolote Tunnel as the primary water source for 5 communities.
- Operation and maintenance of the South Coast Conduit pipeline, which consist of 26.5 miles of pipeline with a combined 124 blow off and air vent structures, 43 turnout structures and 20 meters.
- Operation and maintenance of four regulating reservoirs.

South Coast Conduit - Structure Inventory													
Reach	Endpoints	Linear Length (ft)	Pipe Diameter	Regulating Storage Reservoirs	Meters	Air Vents	Blow-Offs	Turnouts	Open Air Vents	Valves	Valve Size	Slide Gates	Capacity / Volume (gal)
Upper	Glen Annie Turnout (S. Portal) - Cater Water Treatment Plant	64,050	48"	2	5	32	35	18	2	115	4" - 48"	7	6,017,421
Lower	Cater Water Treatment Plant - Carpinteria Reservoir	90,910	27" - 36"	2	15	26	31	42	4	144	4" - 36"	-	3,190,171

Operations staff continue to follow the implemented physical distancing measures as a response to COVID-19. Operators utilize separate vehicles and mostly completed work that could be done by one staff member or with appropriate physical distance if multiple staff are required. Routine operation and maintenance completed during the month of January was as follows:

- Staff has been on site monitoring several ongoing projects throughout the area, working closely with the construction and engineering contractors to ensure that:
 - Pipeline easements and the right-of-way remain accessible to Operations staff for possible emergencies and ongoing facility maintenance.
 - All projects are following the COMB and USBR approved plans.
 - No damage occurs to the SCC during the construction process.

- Conducted several flow changes at the North Portal during the month
- Reviewed several projects for conflicts within the SCC right of way
- Received and responded to 82 USA Dig alerts
- Performed weekly inspections of major facilities, safety meetings, rodent bait (all reservoirs), toe drain and piezometer reads at Ortega (L23)
- Performed dam inspection and instrumentation reports (all reservoirs)
- Performed equipment and yard maintenance
- Performed monthly North Portal elevator maintenance with outside contractor
- Performed monthly water quality sampling
- Read anodes and rectifier data

In addition to regular activities described above, Operations staff performed the following:

- Operations staff conducted the annual valve exercising at the North Portal. This exercise includes testing the full operation of the jet flow valve, the jet flow guard valve, the bypass flow valve, and the bypass guard valve. Annual exercising and maintenance of these pertinent valves ensures the reliability of their operation.
- Staff set valve cans and installed a new cathodic protection test station in the COMB upper yard in preparation for paving around the Lauro stop valves. (see photos)
- Staff conducted post storm checks at all facilities to ensure all storm drain and culverts are functioning properly and no damage was caused by rain and winds.
- Operations staff monitored a soil sample boring conducted by Montecito Water district near the SCC and Ortega reservoir. The sampling was done for engineering purposes in preparation for future projects. (see photos)
- Staff removed and calibrated the water quality buoy sonde at Lake Cachuma near the intake tower. The sonde was replaced the following day with help from the Fisheries Division personnel.
- The log boom that surrounds the Intake Tower at Cachuma Lake was repaired. Several shackles became disconnected and separated the log boom in two locations. (see photos)
- Staff replaced 3 lateral air vents in the Carpinteria section of the SCC in preparation for future shutdowns and construction work. These air vents will allow ample air flow into the conduit during de-watering and significantly reduce the chance of pipe collapse. (see photos)
- Staff continues with lateral valve exercising to gather information on lateral valves and air vents that are in working condition and those that need attention before future shutdowns.
- The Toro canyon meter was replaced with a more advanced ultrasonic meter that has the capability to register a lower range of flows. (see photos)
- Operations staff conducted an inspection on the Glen Anne turnout structure and the Goleta west conduit to gather engineering data for upcoming projects. (see photos)
- The fish screens for the slide gates on the intake tower were cleaned and inspected. Inspection includes reviewing the condition of the sacrificial anodes and the fish screens, and to verify there are no signs of mussel/clam formations.
- The slide gates on the Intake Tower at Cachuma Lake were exercised and greased to ensure proper functionality.

Lateral Air vent replacement



North Portal log boom repair



Lauro yard valve can install and paving



GATO and Goleta west conduit inspection



Toro canyon meter replacement



Soil sample drilling for MWD near SCC



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CACHUMA OPERATION AND MAINTENANCE BOARD

BOARD MEMORANDUM

DATE: February 22, 2021
TO: Janet Gingras, General Manager
FROM: Tim Robinson, Fisheries Division Manager
RE: MONTHLY FISHERIES DIVISION REPORT

HIGHLIGHTS:

- USBR continues to deliver the required 2000 Biological Opinion target flows to Hilton Creek (minimum of 2 cfs) by gravity through the Hilton Creek Watering System (HCWS) at approximately 5.1 cfs to the Upper Release Point which is sustaining the *O. mykiss* population in the creek.
- The 2000 BiOp and Order WR 2019-0148 target flows to the Hwy 154 Bridge (5 cfs) are being met by USBR for a Critical water year (so far) through releases to Hilton Creek and from the Outlet Works to the Lower Santa Ynez River (LSYR) mainstem.
- USBR attempted to reconnect the Hilton Creek Emergency Backup System (HCEBS) floating pipeline but couldn't complete the task due to weather.

In compliance with the 2000 Cachuma Project Biological Opinion (BiOp) (NMFS, 2000) and as described in the 2004 Lower Santa Ynez River Fish Management Plan (SYRTAC, 2000) and the Monitoring Program in the 2000 Revised Biological Assessment (BA), the COMB Fisheries Division (FD) staff conducts routine monitoring of steelhead/rainbow trout and their habitat on the Lower Santa Ynez River (LSYR) below Bradbury Dam. The following is a list of activities carried out by COMB-FD staff since the last COMB Board Fisheries Division Report and has been broken out by categories.

LSYR Steelhead Monitoring Elements:

Lake Profiles: Lake Cachuma water quality measurements (temperature, dissolved oxygen concentration solids and turbidity) at one meter intervals from the surface to the bottom of the lake (Lake Profile) are taken once a month at the Hilton Creek Watering System (HCWS) Intake Barge. This is considered to be near the deepest point in the lake and allows for monitoring of lake stratification, water quality conditions at the intake level for the HCWS, and lake-turnover. Due to the drought and the need to carefully monitor Lake Cachuma, lake profiles are being taken monthly throughout the year and are reported in the Annual Monitoring Summary.

Beaver Dam Surveys: The annual Beaver Dam survey takes place in the late fall prior to stormflow events of that water year. Surveys consist of walking from Bradbury Dam to the LSYR Lagoon and the basin's tributaries where access is allowed, recording where beaver dams are located, their height and width, ponded pool size and depth above, whether they are active or not, and photographed. The survey was completed in January and is reported in the Annual Monitoring Summary/Report.

Redd Surveys: Redd surveys are conducted approximately every two weeks from mid-January through May. Surveys are conducted within the LSYR mainstem in the Highway 154,

Refugio, and Alisal reaches where access is permitted, and certain sections of Hilton, Quiota, and Salsipuedes/El Jaro creeks. The number of redds is reported in the Annual Monitoring Report/Summary.

Migrant Trapping: The 2021 Migrant Trapping Plan was provided to Reclamation in December who then submitted it to NMFS. This monitoring effort normally begins in January and continues through May depending on streamflow rates. The results are presented in the Annual Monitoring Report/Summary. The Hilton Creek and Salsipuedes Creek traps were installed on 2/1/21 after the large storm towards the end of January. The LSYR Mainstem Trap will be installed when stormflow enables fish passage or in association with the Passage Supplementation Program if that program is initiated. Traps are removed during high flow events for safety of the staff, fishery and equipment, or if flows are too low to enable migration. The Santa Ynez River Lagoon opened on 1/28/21 and continues to be open to the ocean as of 2/16/21. The condition of the sand bar at the lagoon is routinely monitored. Results of the trapping program are presented in the Annual Monitoring Report.

Fish Passage Supplementation: Staff provided watershed conditions to USBR for possibly conducting a Fish Passage Supplementation event. All criteria were met after the 1/27/21 storm for supplementing the next stormflow event which has not yet occurred as of 2/17/21. Staff continues to monitor basin conditions and is in close contact with USBR.

Tributary Project Updates:

All planned projects have been successfully completed.

Hilton Creek Watering System (HCWS) and Emergency Backup System (HCEBS) Repairs:

HCWS and HCEBS: The HCWS and HCEBS are owned, operated, and maintained by USBR. The HCEBS was completed at the end of January 2016. USBR technical staff continues to consider improvement options for the HCWS. Currently USBR is delivering water to Hilton Creek through the HCWS by gravity flow to the Upper Release Point (URP) with no backup from the HCEBS. The HCEBS delivery pipeline across the Stilling Basin was removed on 2/5/20. USBR attempted to reinstall the HCEBS delivery floating pipeline across the Stilling Basin starting on 1/26/21 for a couple of days but the weather prohibited completing the planned operation. A second attempt at this needed installation has yet to be scheduled. USBR would like to have the pipeline installed prior to the lake elevation decreasing to 725 ft (currently it is at 726.86 ft as of 2/17/21). This is particularly important since USBR doesn't like to run the HCWS on gravity when the lake is below elevation 724 ft when they prefer to go to the HCWS pumping system. The HCEBS can be operated by gravity flow to the URP which is a far superior water delivery method to Hilton Creek rather than relying on the HCWS pumping system.

USBR reportedly inspected the HCWS pumping barge and its electrical systems during their site visit starting on 1/26/21. No date has been set for the installation of the long-standing ordered parts or any noted repairs during the current inspection.

Surcharge Water Accounting:

The following table summarizes the amount of surcharge water used to date from each of the three accounts plus unallocated project yield at the end of last month (Table 1). All numbers are from the USBR's Daily Operations Report. The start time for the use of the Surcharge Water Accounts and Project Yield was 5/27/11, or the day following the last day of full surcharge and end of the last spill

event. As of May 2012, all of the fish rearing account has been used and USBR is now using Project water to meet BiOp target flows. Water Right (WR 89-18) release durations since 2013 are noted as follows: 7/15/13 - 12/2/13, 8/18/14 - 11/11/14, 8/3/15 - 9/26/15, 7/12/16 - 8/29/16, 8/21/17 - 11/8/17, 8/6/18 – 9/12/18, and 8/31/20 – 11/30/20. There were no WR 89-18 releases in 2019. The 2020 WR 89-18 release officially released 10,480 af over 92 days. During these releases, no fish rearing releases are debited as WR 89-18 releases are used conjunctively with fish flows under the Cachuma Project Settlement Agreement. The Adaptive Management Committee (AMC) called for two releases from the Adaptive Management Account (AMA), 35 acre-feet in October 2012 and 114 acre-feet in June 2013. The remaining amount in the AMA is 351 acre-feet. All of the Fish Passage Supplementation Account (FPSA) has been used as of WY2019; all additional releases for fish passage are from unallocated Project water as determined by Reclamation.

Table 1: Summary of the surcharge water accounting and use of Project Yield as of the day after the end of the last spill event and full surcharge (5/27/11).

Accounts*	Allocation	Amount Used**	Amount Remaining
Units:	(acre-feet)	(acre-feet)	(acre-feet)
Fish Passage Supplementation			
WY2019	3,200	3,307	-107
WY2020	0	2,558	-2,558
Adaptive Management	500	149	351
Fish Rearing***	8,684	8,684	0
Unallocated Project Yield		21,177	
Total:	9,184	35,875	-2,314
* Originally was 9,200 af, 8,942 af in 2008 and 9,184 af in 2013.			
** Values as of 1/31/21.			
*** This water is for meeting required target flows. This is not an official account and is what remains after subtracting the other two accounts.			

Reporting / Outreach / Training:

Reporting: The WY2020 Annual Monitoring Report (the USBR report) was submitted to USBR in the middle of December which was then submitted by USBR to NMFS and the State Board by the end of the year. Staff will complete the WY2020 Annual Monitoring Summary (the COMB report) after receiving comments from the COMB Board Fisheries Committee and will then post the Summary on the COMB webpage.

Staff completed the 2020 WR 89-18 RPM 6 Monitoring Report which was submitted to USBR who in turn submitted it to NMFS on 2/4/21. This is a requirement of the 2000 BiOp and was requested by USBR.

Outreach and Training: Outreach continues with Quiota Creek and Salsipuedes Creek watershed landowners, interested parties within the Santa Ynez Valley, and the County on a variety of fisheries related issues.

Consultant Activity Summary:

HDR Fisheries Design Center (Mike Garelo and Shaun Bevan) – Processed the data gathered during their site visits in December to conduct performance evaluations at all fish passage restoration projects completed within the last 5 years.

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CACHUMA OPERATION & MAINTENANCE BOARD

BOARD MEMORANDUM

Date:	February 22, 2021
Submitted by:	Tim Robinson and Scott Volan
Approved by:	Janet Gingras

SUBJECT: Progress Report on the Lake Cachuma Oak Tree Restoration Program

RECOMMENDATION:

For Board information only.

SUMMARY:

Maintenance

This memorandum on the Lake Cachuma Oak Tree Restoration Program reflects maintenance completed since July, 2020 to the present (7/2/20 – 2/22/21, Table 1). Labor and expenses for the entire fiscal year (July 2020 - June 2021) as well as water usage will be tracked separately and reported as necessary as recommended by the Lake Cachuma Oak Tree Committee. COMB staff continues to rely on the Fisheries Division seasonal employees to conduct the majority of oak tree work in the field. The 2015 Lakeshore Inventory was completed and reviewed by the Lake Cachuma Oak Tree Committee on 2/25/16. The 2019 Annual Report with the annual inventory and Fiscal Year 2019-20 financials was completed and reviewed by the Lake Cachuma Oak Tree Committee on 9/3/20 and the COMB Board on 10/26/20 who approved going forward with planting another 300 oak trees and replacing 100 dead oak trees during the wet season of this water year.

Water Trailer Maintenance

The COMB Operations and Fisheries Division staff conducted repairs to the watering trailer and tank (Exhibit 1). There were several leaks associated with small fractures in the plastic water tank which were plastic welded inside and out. Staff also welded metal inserts into the existing suspension (above the leaf springs), making the trailer more stable and safer for travel. Two layers of thin carpet were glued to the top of the trailer chassis to help cushion the water tank and reduce vibration. New brackets, hoses, and connectors were also installed on the water delivery system.

Annual Inventory

The 2020 Annual Inventory of all year classes continued into February. With the sheer number of trees needing to be cataloged, the Fisheries Division is tackling the inventory in between morning and evening trap checks now that the migrant trapping season is underway. This is in addition to sending regular dayshift crews out to conduct inventory work. The effort should be done within the next month.

Table 1: Cachuma Oak Tree Program completed tasks since July, 2020.

	July 2020	Aug 2020	Sept 2020	Oct 2020	Nov 2020	Dec 2020	Jan 2021 ¹	Feb 2021 ¹
Year 12 Oaks (2020-2021)						New Trees Gopher Baskets Fert/Comp Deer Cages Mulch/Irrigated	New Trees Gopher Baskets Fert/Comp Deer Cages Mulch/Irrigated	QA/QC Tree Tags
Year 11 Oaks (2019-2020)		Irrigated Weeded	Irrigated Weeded		Irrigated Weeded	Irrigated Weeded	Irrigated Weeded	
Year 10 Oaks (2018-2019)	Irrigated Weeded	Irrigated Weeded		Irrigated Weeded	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded	
Year 9 Oaks (2016-2017)	Irrigated Weeded	Irrigated Weeded		Irrigated Weeded	Irrigated Weeded	Irrigated Weeded		
Year 8 Oaks (2015-2016)	Irrigated Weeded	Irrigated Weeded	Irrigated Weeded		Irrigated Weeded			
Year 7 Oaks (2014-2015)			Irrigated Weeded					
Year 6 Oaks (2010-2011)								
Year 5 Oaks (2009-2010)								
Year 4 Oaks (2008-2009)				Deer Cages				
Year 3 Oaks (2007-2008)				Deer Cages				
Year 2 Oaks (2006-2007)								
Year 1 Oaks (2005-2006)								
¹ Oak tree inventory.								

LIST OF EXHIBITS:



Exhibit 1: Water trailer maintenance showing (a) removal of tank, (b) new suspension welds, plastic welding (c) outside of the tank and (d) inside of the tank, (e) placing the tank on top of new trailer carpet, and (f) new hose and pipe connectors.

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CACHUMA OPERATION AND MAINTENANCE BOARD
METERED USE REPORT FOR JANUARY 2021

LATERAL/ STATION	NAME	ACRE FEET METERED	LATERAL/ STATION	NAME	ACRE FEET METERED
CARPINTERIA WATER DISTRICT			GOLETA WATER DISTRICT		
Boundary Meter - East		251.30	18+62	G. WEST	40.53
Boundary Meter - West		(0.05)	78+00	Corona Del Mar FILTER Plant	667.54
			122+20	STOW RANCH	0.00
				SWP CREDIT (Warren Act Contract)	0.00
				Raytheon (SWP) (Warren Act Contract)	0.00
				Morehart (SWP) (Warren Act Contract)	0.00
			TOTAL		708.07
			MONTECITO WATER DISTRICT		
			260+79	BARKER PASS	53.14
			386+65	MWD YARD	0.00
			487+07	VALLEY CLUB	0.00
			499+65	E. VALLEY-ROMERO PUMP	79.75
			510+95	MWD PUMP (SWD)	7.90
			510+95	ORTEGA CONTROL	8.11
			526+43	ASEGRA RD	0.28
			555+80	CO. YARD	0.00
			583+00	LAMBERT RD	0.00
			599+27	TORO CANYON	0.00
				SWP CREDIT (Warren Act Contract)	0.00
			TOTAL		149.19
			CITY OF SANTA BARBARA		
			CATER	INFLOW	928.02
			Gibraltar	PENSTOCK	(178.06)
			CATER	SO. FLOW	(539.10)
			Sheffield	SHEF.LIFT	120.34
				SWP CREDIT (Warren Act Contract)	0.00
				La Cumbre (SWP) (Warren Act Contract)	(11.78)
			TOTAL		319.42
			SANTA YNEZ RIVER WATER CONSERVATION DISTRICT, ID#1		
				COUNTY PARK, ETC	0.65
			TOTAL		0.65
			BREAKDOWN OF DELIVERIES BY TYPE:		
				STATE WATER DELIVERED TO LAKE	0.00
				STATE WATER TO SOUTH COAST including from stored	11.78
			METERED DIVERSION		1,428.58
SWP CREDIT (Warren Act Contract)		0.00			
TOTAL		251.25			
Note:	Meter reads were taken on: 2/1/2021				

WATER YEAR 20-21 CACHUMA PROJECT ALLOCATION

**CACHUMA OPERATION AND MAINTENANCE BOARD
WATER PRODUCTION AND WATER USE REPORT
FOR THE MONTH OF JANUARY 2021 AND THE WATER YEAR TO DATE (WYTD) ⁽¹⁾**

(All in rounded Acre Feet)

CACHUMA PROJECT		
WATER PRODUCTION:	MONTH	WYTD
Cachuma Lake (Tec. Diversion)	1,192.9	6,178.8
Tecolote Tunnel Infiltration	105.0	348.9
Cachuma Lake (County Park)	0.7	5.2
Subtotal - Water Production	1,298.5	6,532.9
WATER DELIVERIES:		
State Water Diversion	11.8	108.9
Cachuma Diversion	1,428.6	6,544.6
Storage gain/(loss) ⁽²⁾	(122.8)	(97.5)
Subtotal - Water Deliveries	1,317.6	6,556.0
Total Water Production	1,298.5	6,532.9
Total Water Deliveries	1,317.6	6,556.0
Difference = Apparent Water Loss	(19.1)	(23.1)
% Apparent Water Loss	-1.47%	-0.35%

SCC APPARENT WATER LOSS ALLOCATION (AWL) ⁽³⁾

	GWD	SB CITY	MWD	CVWD	TOTAL
<u>CURRENT MONTH CHARGE / (ADJUSTMENT)</u>					
M&I	0.0	0.0	0.0	0.0	0.0
Agriculture	0.0	0.0	0.0	0.0	0.0
Subtotal Cachuma Project	0.0	0.0	0.0	0.0	0.0
(+) State Water Project	0.0	0.0	0.0	0.0	0.0
Total Current Month	0.0	0.0	0.0	0.0	0.0
<u>WATER YEAR-TO-DATE CHARGE / (ADJUSTMENT)</u>					
M&I	0.0	0.0	0.0	0.0	0.0
Agriculture	0.0	0.0	0.0	0.0	0.0
Subtotal Cachuma Project	0.0	0.0	0.0	0.0	0.0
(+) State Water Project	0.0	0.0	0.0	0.0	0.0
Total AWL Charged (WYTD)	0.0	0.0	0.0	0.0	0.0
Total AWL Not Charged (WYTD)					(23.1)
Total AWL Incurred (WYTD)					(23.1)

CACHUMA PROJECT WATER CHARGE

	GWD	SB CITY	MWD	CVWD	SYRID #1	TOTAL
<u>CURRENT MONTH</u>						
Water Usage						
M&I	587.7	319.4	140.4	134.8	0.7	1,182.9
Agricultural	120.4	0.0	8.8	116.5	N/A	245.7
Subtotal Project Water Use	708.1	319.4	149.2	251.2	0.7	1,428.6
(+) Apparent Water Loss	0.0	0.0	0.0	0.0	N/A	0.0
(+) Evaporative Loss ⁽⁴⁾	15.1	57.7	9.7	3.6	3.8	89.9
Total Project Water Charge	723.2	377.1	158.9	254.8	4.5	1,518.5
<u>WATER YEAR-TO-DATE</u>						
Water Usage						
M&I	2,650.8	931.2	737.2	615.7	5.2	4,940.1
Agricultural	847.0	0.0	61.9	695.5	N/A	1,604.5
Subtotal Project Water Use	3,497.8	931.2	799.2	1,311.2	5.2	6,544.6
(+) Apparent Water Loss	0.0	0.0	0.0	0.0	N/A	0.0
(+) Evaporative Loss ⁽⁴⁾	137.9	404.6	74.3	37.5	26.3	680.6
Total Project Water Charge (*)	3,635.8	1,335.7	873.4	1,348.7	31.5	7,225.2

(*) Project Water Charge is applied first to Carryover Water balance and then to Current Year Water Allocation

WATER YEAR 20-21 CACHUMA PROJECT ALLOCATION
CACHUMA OPERATION AND MAINTENANCE BOARD
WATER PRODUCTION AND WATER USE REPORT
FOR THE MONTH OF JANUARY 2021 AND THE WATER YEAR TO DATE (WYTD) ⁽¹⁾

(All in rounded Acre Feet)

CACHUMA PROJECT WATER BALANCE

	GWD	SB CITY	MWD	CVWD	SYRID #1	TOTAL
Project Water Carryover - 10/1/2020	8,297.4	20,298.1	4,015.7	2,410.8	1,303.6	36,325.6
Transfers/Adjustment	0.0	0.0	0.0	0.0	0.0	0.0
(-) Project Water Charge (WYTD)	3,635.8	1,335.7	873.4	1,348.7	31.5	7,225.2
Balance Carryover Water	4,661.6	18,962.4	3,142.3	1,062.1	1,272.1	29,100.4
Current Year Allocation ⁽⁵⁾	9,322.0	8,277.0	2,651.0	2,813.0	2,651.0	25,714.0
(-) Balance of Project Water Charge (WYTD)	0.0	0.0	0.0	0.0	0.0	0.0
Net Allocation Available Before Adjustments	9,322.0	8,277.0	2,651.0	2,813.0	2,651.0	25,714.0
<u>Adjustments to Net Allocation (WYTD)</u>						
Carryover Balances Spilled	0.0	0.0	0.0	0.0	0.0	0.0
Surplus	0.0	0.0	0.0	0.0	0.0	0.0
State Water Exchange ⁽⁶⁾	25.0	17.0	17.0	11.0	(70.0)	0.0
Transfers/Adjustment - SB/La Cumbre	0.0	0.0	0.0	0.0	0.0	0.0
Transfers/Adjustment - Bishop Ranch	0.0	0.0	0.0	0.0	0.0	0.0
Transfers/Adjustment - Juncal Transfer	0.0	0.0	0.0	0.0	0.0	0.0
Transfers/Adjustment - GWD/SB Overlap	0.0	0.0	0.0	0.0	0.0	0.0
Balance Current Year Allocation	9,347.0	8,294.0	2,668.0	2,824.0	2,581.0	25,714.0
Total Cachuma Project Water Available	14,008.6	27,256.4	5,810.3	3,886.1	3,853.1	54,814.4

Footnotes

- (1) Water Year = October 1 through September 30; WYTD = Water Year to Date
- (2) Includes Lauro and Ortega Reservoirs only.
- (3) Based on correspondence from Michael Jackson, dated 09/15/17, which revised the approach to the assessment for unaccounted for water loss based on lake conditions
- (4) Per USBR, evaporation is applied to Cachuma Carryover and SWP water through standard contract formula effective April 1, 2017.
- (5) Per USBR, 100% allocation to Member Agencies, effective 10/1/20.
- (6) Per SWP Exchange Agrmt GWD received 0 AF; City of SB received 0 AF; MWD received 0 AF and CVWD received 0 AF from ID#1 in January 2021.
- (7) Memo only - State Water Deliveries to Lake Cachuma for January was 0 AF.

CACHUMA OPERATION AND MAINTENANCE BOARD
WATER STORAGE REPORT

MONTH: **JANUARY 2021**

GLEN ANNIE RESERVOIR ⁽¹⁾

Capacity at 385' elevation:	335	AF
Capacity at sill of intake at 334' elevation:	21	AF
Stage of Reservoir Elevation	333.0	Feet
Water in Storage	21.04	AF

LAURO RESERVOIR

Capacity at 549' elevation:	503	AF
Capacity at top of intake screen, 520' elevation:	106.05	AF
Stage of Reservoir Elevation	542.6	Feet
Water in Storage	385.15	AF

ORTEGA RESERVOIR

Capacity at 460' elevation:	65	AF
Capacity at outlet at elevation 440':	0	AF
Stage of Reservoir Elevation	450.9	Feet
Water in Storage	32.35	AF

CARPINTERIA RESERVOIR

Capacity at 384' elevation:	45	AF
Capacity at outlet elevation 362':	0	AF
Stage of Reservoir Elevation	376.8	Feet
Water in Storage	27.50	AF

TOTAL STORAGE IN RESERVOIRS ⁽¹⁾

Change in Storage	-118.15	AF
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CACHUMA RESERVOIR

Capacity at 750' elevation: ⁽²⁾	184,121	AF
Capacity at sill of tunnel 660' elevation:	24,281	AF

Stage of Reservoir Elevation	727.28	Feet
Water in Storage	124,545	AF
Surface Area	2,264	Acres
Evaporation	299.3	AF
Inflow	427.5	AF
Downstream Release WR8918	0.0	AF
Fish Release (Hilton Creek)	319.2	AF
Outlet	163.0	AF
Spill/Seismic Release	0	AF
State Water Project Water	0.00	AF
Change in Storage	67	AF
Tecolote Diversion	1,155.8	AF

Rainfall:	Month: 8.39	Season: 10.70	Percent of Normal: 108%
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(1) Glen Annie Reservoir is currently offline and excluded from Total Storage in Reservoirs amount.

(2) In 2014, flashboard installation raised Cachuma Reservoir max elevation to 753' (193,305 AF); surcharge water reserved for fish releases.

SUMMARY OF WATER USED
CACHUMA PROJECT - CONTRACT #I75R-1802

Contract Year: 10/1/20 to: 9/30/21

Contract Entity: **Goleta Water District**
 Update by COMB 1/31/2021

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	8,297.4	9,322.0
Nov	-	-
Dec	-	-
Jan	-	-
Feb	-	-
Mar	-	-
Apr	-	-
May	-	-
Jun	-	-
Jul	-	-
Aug	-	-
Sep	-	-
Total	8,297.4	9,322.0

TOTAL WATER USED			WATER USE CHARGED			WATER USE CHARGED		
Acre-feet			Allocation			Allocation		
M & I	Agr	Total	Evap	Used	Total	M & I	Agr	Total
735.9	272.2	1,008.1	66.3	1,008.1	1,074.4	782.2	292.2	-
670.2	235.5	905.7	33.6	905.7	939.3	693.5	245.8	-
657.0	219.0	876.0	22.8	876.0	898.9	672.7	226.1	-
587.7	120.4	708.1	15.1	708.1	723.2	597.9	125.3	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
2,650.8	847.0	3,497.8	137.9	3,497.8	3,635.8	2,746.4	889.3	-

CONVERSIONS (M&I AND AG SPLIT)			
CARRYOVER WATER		CURR YR ALLOCATION	
M & I	Agr	M & I	Agr
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	8,297.4	5,795.0	2,502.4	6,732.0	2,590.0	9,322.0
ID#1 Exch (+25AF)	-	-	-	13.6	11.4	25.0
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

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BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Oct	7,223.0	5,012.8	2,210.2	6,745.6	2,601.4	9,347.0
Nov	6,283.7	4,319.3	1,964.5	6,745.6	2,601.4	9,347.0
Dec	5,384.8	3,646.5	1,738.3	6,745.6	2,601.4	9,347.0
Jan	4,661.6	3,048.6	1,613.1	6,745.6	2,601.4	9,347.0
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 14,008.6

SUMMARY OF WATER USED
CACHUMA PROJECT - CONTRACT #175R-1802

Contract Year: 10/1/20 to: 9/30/21

Contract Entity: **City of Santa Barbara**
 Update by COMB 1/31/2021

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	20,298.1	8,277.0
Nov	-	-
Dec	-	-
Jan	-	-
Feb	-	-
Mar	-	-
Apr	-	-
May	-	-
Jun	-	-
Jul	-	-
Aug	-	-
Sep	-	-
Total	20,298.1	8,277.0

TOTAL WATER USED			WATER USE CHARGED				WATER USE CHARGED			
Acre-feet			Allocation				Allocation			
M & I	Agr	Total	Evap	Used	Total	M & I	-----	M & I	-----	Total
196.1	-	196.1	171.9	196.1	368.0	368.0	-	-	-	-
147.5	-	147.5	98.6	147.5	246.1	246.1	-	-	-	-
268.1	-	268.1	76.4	268.1	344.5	344.5	-	-	-	-
319.4	-	319.4	57.7	319.4	377.1	377.1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
931.2	-	931.2	404.6	931.2	1,335.7	1,335.7	-	-	-	-

CONVERSIONS (M&I AND AG SPLIT)				
CARRYOVER WATER		CURR YR ALLOCATION		
M & I	Agr	M & I	Agr	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
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SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS		
	Total	Allocation		Allocation	
		M & I	-----	M & I	-----
Begin Bal	20,298.1	20,298.1	-	8,277.0	-
ID#1 Exch (+17AF)	-	-	-	17.0	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-

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BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC		
	Total	Allocation		Allocation	
		M & I	-----	M & I	-----
Oct	19,930.1	19,930.1	-	8,294.0	-
Nov	19,684.0	19,684.0	-	8,294.0	-
Dec	19,339.5	19,339.5	-	8,294.0	-
Jan	18,962.4	18,962.4	-	8,294.0	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 27,256.4

SUMMARY OF WATER USED
CACHUMA PROJECT - CONTRACT #175R-1802

Contract Year: 10/1/20 to: 9/30/21

Contract Entity: **Montecito Water District**
 Update by COMB 1/31/2021

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	4,015.7	2,651.0
Nov	-	-
Dec	-	-
Jan	-	-
Feb	-	-
Mar	-	-
Apr	-	-
May	-	-
Jun	-	-
Jul	-	-
Aug	-	-
Sep	-	-
Total	4,015.7	2,651.0

TOTAL WATER USED			WATER USE CHARGED			WATER USE CHARGED		
Acre-feet			Allocation			Allocation		
M & I	Agr	Total	Evap	Used	Total	M & I	Agr	Total
226.9	17.7	244.6	33.1	244.6	277.7	250.5	27.2	-
182.9	16.8	199.7	18.1	199.7	217.8	195.5	22.3	-
187.0	18.6	205.6	13.4	205.6	219.0	196.2	22.8	-
140.4	8.8	149.2	9.7	149.2	158.9	146.9	12.0	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
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-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
737.2	61.9	799.2	74.3	799.2	873.4	789.0	84.4	-

CONVERSIONS (M&I AND AG SPLIT)			
CARRYOVER WATER		CURR YR ALLOCATION	
M & I	Agr	M & I	Agr
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
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SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	4,015.7	2,855.8	1,159.9	2,244.0	407.0	2,651.0
ID#1 Exch (+17AF)	-	-	-	9.2	7.8	17.0
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

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BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Oct	3,738.0	2,605.3	1,132.7	2,253.2	414.8	2,668.0
Nov	3,520.2	2,409.8	1,110.4	2,253.2	414.8	2,668.0
Dec	3,301.2	2,213.6	1,087.5	2,253.2	414.8	2,668.0
Jan	3,142.3	2,066.8	1,075.5	2,253.2	414.8	2,668.0
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **5,810.3**

SUMMARY OF WATER USED
CACHUMA PROJECT - CONTRACT #I75R-1802

Contract Year: 10/1/20 to: 9/30/21

Contract Entity: **Carpinteria Valley Water District**
 Update by COMB 1/31/2021

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	2,410.8	2,813.0
Nov	-	-
Dec	-	-
Jan	-	-
Feb	-	-
Mar	-	-
Apr	-	-
May	-	-
Jun	-	-
Jul	-	-
Aug	-	-
Sep	-	-
Total	2,410.8	2,813.0

TOTAL WATER USED			WATER USE CHARGED			WATER USE CHARGED		
Acre-feet			Allocation			Allocation		
M & I	Agr	Total	Evap	Used	Total	M & I	Agr	Total
164.1	209.1	373.3	18.9	373.3	392.2	173.9	218.3	-
158.3	186.3	344.7	9.2	344.7	353.8	163.2	190.6	-
158.5	183.5	342.1	5.8	342.1	347.9	161.7	186.2	-
134.8	116.5	251.2	3.6	251.2	254.8	136.8	118.0	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
615.7	695.5	1,311.2	37.5	1,311.2	1,348.7	635.5	713.2	-

CONVERSIONS (M&I AND AG SPLIT)			
CARRYOVER WATER		CURR YR ALLOCATION	
M & I	Agr	M & I	Agr
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Month
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SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS		
Allocation			Allocation		
Total	M & I	Agr	M & I	Agr	Total
2,410.8	1,242.0	1,168.8	1,400.0	1,413.0	2,813.0
-	-	-	6.0	5.0	11.0
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Month
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BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC		
Allocation			Allocation		
Total	M & I	Agr	M & I	Agr	Total
2,018.6	1,068.1	950.5	1,406.0	1,418.0	2,824.0
1,664.8	904.9	759.8	1,406.0	1,418.0	2,824.0
1,316.9	743.3	573.6	1,406.0	1,418.0	2,824.0
1,062.1	606.5	455.6	1,406.0	1,418.0	2,824.0
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 3,886.1

SUMMARY OF WATER USED
CACHUMA PROJECT - CONTRACT #I75R-1802

Contract Year: 10/1/20 to: 9/30/21

Contract Entity: **Santa Ynez River Water Conservation District, ID#1**
 Update by COMB 1/31/2021

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr
Oct	1,303.6	2,651.0
Nov	-	-
Dec	-	-
Jan	-	-
Feb	-	-
Mar	-	-
Apr	-	-
May	-	-
Jun	-	-
Jul	-	-
Aug	-	-
Sep	-	-
Total	1,303.6	2,651.0

TOTAL WATER USED			WATER USE CHARGED				WATER USE CHARGED			
Acre-feet			Allocation				Allocation			
M & I	Agr	Total	Evap	Used	Total	M & I	Agr	M & I	Agr	Total
1.8	-	1.8	11.1	1.8	12.9	2.1	10.7	-	-	-
1.3	-	1.3	6.4	1.3	7.7	1.5	6.2	-	-	-
1.5	-	1.5	5.0	1.5	6.5	1.6	4.9	-	-	-
0.7	-	0.7	3.8	0.7	4.5	0.8	3.7	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
5.2	-	5.2	26.3	5.2	31.5	6.0	25.5	-	-	-

CONVERSIONS (M&I AND AG SPLIT)			
CARRYOVER WATER		CURR YR ALLOCATION	
M & I	Agr	M & I	Agr
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Month
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SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS			
	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
Begin Bal	1,303.6	43.0	1,260.6	935.0	1,716.0	2,651.0
ID#1 Exch (-70AF)	-	-	-	(38.0)	(32.0)	(70.0)
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

Month
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BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC			
County Parks Usage (AF)	Total	Allocation		Allocation		Total
		M & I	Agr	M & I	Agr	
1.8	1,290.7	40.9	1,249.9	897.0	1,684.0	2,581.0
1.3	1,283.1	39.4	1,243.7	897.0	1,684.0	2,581.0
1.5	1,276.6	37.7	1,238.8	897.0	1,684.0	2,581.0
0.7	1,272.1	37.0	1,235.1	897.0	1,684.0	2,581.0
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) 3,853.1

SUMMARY OF WATER USED
CACHUMA PROJECT - CONTRACT #I75R-1802

Contract Year: 10/1/20 to: 9/30/21

Contract Entity: **Santa Barbara Co. Water Agency**
 Update by COMB 1/31/2021

Month	Carryover Balance Prior Yr	Approved Allocation Curr Yr	TOTAL WATER USED				WATER USE CHARGED			WATER USE CHARGED				
			Acre-feet				Allocation			Allocation				
			Use %	M & I	Agr	Total	Evap	Div	Total	M & I	Agr	M & I	Agr	Total
Oct	36,325.6	25,714.0	0.0	1,324.9	499.0	1,823.9	301.4	1,823.9	2,125.3	1,576.8	548.5	-	-	-
Nov	-	-	0.0	1,160.2	438.6	1,598.9	165.8	1,598.9	1,764.7	1,299.8	464.9	-	-	-
Dec	-	-	0.0	1,272.1	421.2	1,693.3	123.4	1,693.3	1,816.7	1,376.7	440.1	-	-	-
Jan	-	-	0.0	1,182.9	245.7	1,428.6	89.9	1,428.6	1,518.5	1,259.5	259.0	-	-	-
Feb	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	36,325.6	25,714.0	0.1	4,940.1	1,604.5	6,544.6	680.6	6,544.6	7,225.2	5,512.7	1,712.5	-	-	-

Month	CONVERSIONS (M&I AND AG SPLIT)			
	CARRYOVER WATER		CURR YR ALLOCATION	
	M & I	Agr	M & I	Agr
Oct	-	-	-	-
Nov	-	-	-	-
Dec	-	-	-	-
Jan	-	-	-	-
Feb	-	-	-	-
Mar	-	-	-	-
Apr	-	-	-	-
May	-	-	-	-
Jun	-	-	-	-
Jul	-	-	-	-
Aug	-	-	-	-
Sep	-	-	-	-

Month	SCHEDULE AND REVISIONS			SCHEDULE AND REVISIONS		
	Begin Bal	Total	Allocation		Allocation	
			M & I	Agr	M & I	Agr
Oct	-	-	-	-	7.8	(7.8)
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

Month	BALANCE - CARRYOVER WATER			BALANCE - CURR YR ALLOC		
	County Parks Usage (AF)	Total	Allocation		Allocation	
			M & I	Agr	M & I	Agr
Oct	1.8	34,200.3	28,657.1	5,543.2	19,595.8	6,118.2
Nov	1.3	32,435.7	27,357.3	5,078.3	19,595.8	6,118.2
Dec	1.5	30,618.9	25,980.6	4,638.3	19,595.8	6,118.2
Jan	0.7	29,100.4	24,721.2	4,379.2	19,595.8	6,118.2
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-

TOTAL CACHUMA PROJECT BALANCE (CARRYOVER + CURRENT YR ALLOCATION) **54,814.4**

CACHUMA DAILY OPERATIONS

Month & Year: February 2021
 Time of Observations: 0830 Evaporation Pan Factor: 77%

Day	Beginning Storage: 124,545			Surface Area	Rainfall		Evaporation		CCWA Inflow	Releases					Computed Inflow		
	Elevation	Storage	Change		inches	acre-feet	inches	acre-feet		Park Diversion	South Coast	Hilton Creek	WR 89-18	Outlet		Spillway	
	<i>ft</i>	<i>acre-feet</i>	<i>acre-feet</i>	<i>acres</i>	<i>inches</i>	<i>acre-feet</i>	<i>inches</i>	<i>acre-feet</i>									
1	727.27	124,523	(22)	2,263	-		0.060	8.7	-	0.00	34.8	10.4	-	5.0	-	36.9	
2	727.25	124,478	(45)	2,263	-		0.090	13.1	-	0.00	37.7	10.4	-	6.0	-	22.2	
3	727.23	124,432	(46)	2,262	0.01	1.9	0.090	13.1	-	0.00	36.4	10.5	-	5.0	-	17.1	
4	727.20	124,365	(67)	2,262	-		0.110	16.0	-	0.00	36.8	10.4	-	5.0	-	1.2	
5	727.19	124,319	(46)	2,261	-		0.100	14.5	-	0.00	37.1	10.4	-	6.0	-	22.0	
6	727.16	124,274	(45)	2,261	-		0.080	11.6	-	0.00	37.1	10.4	-	5.0	-	19.1	
7	727.15	124,252	(22)	2,260	-		0.060	8.7	-	0.00	37.2	10.4	-	5.0	-	39.3	
8	727.12	124,184	(68)	2,260	-		0.090	13.0	-	0.00	37.1	10.4	-	5.0	-	(2.5)	
9	727.10	124,138	(46)	2,259	-		0.090	13.0	-	0.00	36.6	10.4	-	6.0	-	20.0	
10	727.07	124,048	(90)	2,258	-		0.070	10.1	-	0.00	37.4	10.4	-	5.0	-	(27.1)	
11	727.06	124,048	-	2,258	0.01	1.9	0.110	15.9	-	0.00	42.3	10.4	-	5.0	-	71.8	
12	727.01	123,935	(113)	2,257	0.08	15.0	0.120	17.4	-	0.00	43.9	10.4	-	5.0	-	(51.4)	
13	727.00	123,912	(23)	2,257	-		0.120	17.4	-	0.00	37.9	10.4	-	6.0	-	48.7	
14	726.96	123,822	(90)	2,256	-		0.090	13.0	-	0.00	34.0	10.4	-	5.0	-	(27.6)	
15	726.95	123,799	(23)	2,256	-		0.080	11.6	-	0.00	33.5	10.4	-	5.0	-	37.5	
16	726.90	123,686	(113)	2,254	-		0.140	20.3	-	0.00	55.0	10.4	-	5.0	-	(22.3)	
17	726.86	123,596	(90)	2,253	-		0.200	28.9	-	0.00	60.5	10.4	-	6.0	-	15.8	
18																	
19																	
20																	
21																	
22																	
23																	
24																	
25																	
26																	
27																	
28																	
TOTALS			(949)		0.10	18.8	1.700	246.3	-	-	-	675.3	176.9	-	90.0	-	220.7

Park Usage

Rain

Yr. Total



**Santa Barbara County Parks Division,
Cachuma Lake Recreation Area
Summary of Aquatic Invasive Species Vessel Inspection Program
and Early Detection Monitoring Program: **January 2021****



Cachuma Lake Recreation Area Launch Data -- January 2021		
Vessel Data		
Total Vessels Entering Park	769	
Total Vessels Launched	731	
Total Vessels Quarantined	38	
Returning (Tagged) Boats Launched	579	79%
Kayak/Canoe Launched	152	21%
4-stroke Engines	*	
2-strokes, w/CARB star ratings	*	
2-strokes, NO emissions ratings	*	
Vessel Inspection Data		
Total Vessels Inspected	152	
Boats Inspected	44	
Kayaks/Canoes Inspected	98	
Simple Boats Inspected	10	
Inspections Passed	118	
Inspections Failed	34	
Quarantine Data		
Total Vessels Quarantined	38	
Quarantined 7 days	*	
Quarantined 14 days	*	
Quarantined 30 days	38	
Quarantine Cause		
Water on vessel*	*	
Debris on hull*	*	
Plug installed*	*	
From infected county	3	
Ballast tanks*	*	
Boat longer than 24 feet*	*	
Out-of-state	0	
Unspecified*	*	
Mandatory Quarantine All Untagged Boats	38	
Demographic Data		
Quarantined from infected county	3	
Quarantined from SB County	30	
Quarantined from uninfected co	5	
Quarantined from out of state	0	

Boat Launch Tags: Boats with Cachuma Lake Boat Launch Tags attach boat to trailer.

No mussel species have been located on any vessel entering Cachuma Lake as of the last day of this month.

* These conditions are no longer being tracked.

EARLY DETECTION MONITORING PROGRAM SUMMARY

Summary: No Dreissenid Mussels were detected, nor Aquatic Invasive Species of any kind.

Inspection Site: Cachuma Lake, Santa Barbara County, California.

Inspection Date and Time: 2021.01.29; 1 p.m. to 3 p.m. PDT.

Method: 4 Sampling Stations; 26 meters/85 linear feet of line.

Surveyors: Santa Barbara County, Parks Division Employees.

Lake elevation: Max feet: 753.00, current 727.23; Max acre-feet: 193,305, current: 124,433;

Current capacity: 64.4%